



603 Salem Street  
Wakefield, MA 01880  
Tel: (781) 246-2800  
Fax: (781) 246-7596

Nantucket, MA 02554  
Tel: (508) 228-7909

June 2015

Proposed Retaining Wall Replacement  
YMCA Camp Wakanda  
#443 Main Street  
Boxford, Massachusetts

# Notice of Intent Application

Applicant:  
Viking Tree and Landscaping  
#60 Concord Street  
North Reading MA 01864

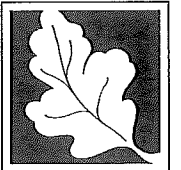
JOB FILE  
Project File: BOX-0208

May 18, 2015

**CONTENTS  
 NOTICE OF INTENT  
 YMCA CAMP WAKANDA  
 #443 MAIN STREET  
 BOXFORD, MASSACHUSETTS**

**LIST OF PLANS AND DOCUMENTS**

<u>Identifying Number / Letter</u>	<u>Title / Date</u>
<b>DOCUMENT A</b>	WPA Form 3 – Notice of Intent and NOI Wetland Fee Transmittal Form for Camp Wakanda, #443 Main Street, Boxford, with attachments: USGS Locus Map, and List of Abutters (May 2015).
<b>DOCUMENT B</b>	Project Narrative, Retaining Wall Replacement, #443 Main Street, Boxford, MA; June 17, 2015, including site photographs dated May 2015 from Viking Tree and Landscaping and June 12, 2015 by Hayes Engineering, Inc.
<b>PLANS</b>	Notice of Intent Plan, Camp Wakanda, #443 Main Street, Boxford, Mass.; Scale: 1"=20'; Hayes Engineering, Inc., Date: May 20, 2015, revised June 15, 2015.



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

ADD BOXFORD WETLANDS PROTECTION BY-LAW  
Boxford City/Town

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Boxford

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.

1. Project Location (Note: electronic filers will click on button to locate project site):

Camp Wakanda - #433 Main Street  
Boxford  
a. Street Address  
Latitude and Longitude:  
42d 41m 24s N  
71d 02m 11s W  
e. Longitude  
Parcel 30  
f. Assessors Map/Plat Number  
g. Parcel/Lot Number

2. Applicant:

John  
a. First Name  
John Marshall  
b. Last Name  
60 Concord Street  
c. Organization  
North Reading  
d. Street Address  
North Reading  
e. City/Town  
(781) 389-2831  
h. Phone Number  
i. Fax Number  
j. Email Address  
jmarshall@vikingtreeandlandscape.com

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

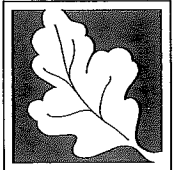
Tony  
a. First Name  
YMCA of Greater Boston  
c. Organization  
36 Arthur B. Lord Drive  
d. Street Address  
Reading  
e. City/Town  
(617) 429 8448  
h. Phone Number  
i. Fax Number  
j. Email address

4. Representative (if any):

Elizabeth Wallis / William Bergeron  
a. First Name  
Hayes Engineering, Inc.  
c. Company  
603 Salem Street  
d. Street Address  
Wakefield  
e. City/Town  
(781) 246-2800  
h. Phone Number  
i. Fax Number  
j. Email address  
wallis@hayeseng.com  
bbergeron@hayeseng.com  
j. Email address

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

\$500.00  
a. Total Fee Paid  
\$237.50  
b. State Fee Paid  
\$262.50  
c. City/Town Fee Paid



**Massachusetts Department of Environmental Protection**  
**Bureau of Resource Protection - Wetlands**  
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 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:  
 This is an after-the-fact filling for construction of a block retaining wall (replacement of existing railroad structure) and associated activities already in progress. Project details are provided in the attached Project Narrative and as shown on the accompanying plan.

7a. Project Type Checklist:

- 1.  Single Family Home
  - 2.  Residential Subdivision
  - 3.  Limited Project Driveway Crossing
  - 4.  Commercial/Industrial
  - 5.  Dock/Pier
  - 6.  Utilities
  - 7.  Coastal Engineering Structure
  - 8.  Agriculture (e.g., cranberries, forestry)
  - 9.  Transportation
  - 10.  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:

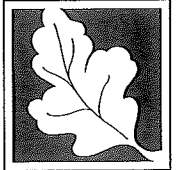
Essex	a. County
4500	b. Certificate # (if registered land)
598	d. Page Number

**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.

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	

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



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**Bureau of Resource Protection - Wetlands**  
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 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

MassDEP File Number \_\_\_\_\_  
 Document Transaction Number \_\_\_\_\_  
 Boxford  
 City/Town \_\_\_\_\_

Provided by MassDEP:

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

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

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)

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.

**Resource Area**      **Size of Proposed Alteration**      **Proposed Replacement (if any)**

- a.  **Designated Port Areas**      Indicate size under Land Under the Ocean, below  
1. square feet \_\_\_\_\_
- b.  **Land Under the Ocean**      1. square feet \_\_\_\_\_  
2. cubic yards dredged \_\_\_\_\_
- c.  **Barrier Beach**      Indicate size under Coastal Beaches and/or Coastal Dunes below
- d.  **Coastal Beaches**      1. square feet \_\_\_\_\_  
2. cubic yards beach nourishment \_\_\_\_\_
- e.  **Coastal Dunes**      1. square feet \_\_\_\_\_  
2. cubic yards dune nourishment \_\_\_\_\_

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



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 Document Transaction Number \_\_\_\_\_  
 Boxford  
 City/Town \_\_\_\_\_

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

Size of Proposed Alteration \_\_\_\_\_  
 Proposed Replacement (if any) \_\_\_\_\_

- f.  Coastal Banks  
1. linear feet \_\_\_\_\_
  - g.  Rocky Intertidal Shores  
1. square feet \_\_\_\_\_
  - h.  Salt Marshes  
1. square feet \_\_\_\_\_
  - i.  Land Under Salt Ponds  
1. square feet \_\_\_\_\_
  - j.  Land Containing Shellfish  
2. cubic yards dredged \_\_\_\_\_
  - k.  Fish Runs  
1. square feet \_\_\_\_\_
- Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above

- 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.

- 5.  Project Involves Stream Crossings  
a. square feet of BWV \_\_\_\_\_  
b. square feet of Salt Marsh \_\_\_\_\_

**C. Other Applicable Standards and Requirements**

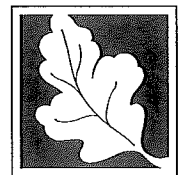
a. number of new stream crossings \_\_\_\_\_  
 b. number of replacement stream crossings \_\_\_\_\_

**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 NHESP  
 online mapping  
 1 Rabbit Hill Road  
 Westborough, MA 01581-3336  
 Division of Fisheries and Wildlife  
 Natural Heritage and Endangered Species Program



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 \_\_\_\_\_ percentage/acreage  
 (b) outside Resource Area \_\_\_\_\_ 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/dtw/natural-heritage/regulatory-review/mass-endangered-species-act-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

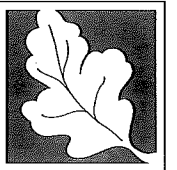
1.  Project is exempt from MESA review.

Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, <http://www.mass.gov/eea/agencies/dfg/dtw/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/dtw/natural-heritage/regulatory-review/>). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.



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

MassDEP File Number \_\_\_\_\_  
 Document Transaction Number \_\_\_\_\_  
 Boxford  
 City/Town \_\_\_\_\_

Provided by MassDEP:

**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:  
 Division of Marine Fisheries - Southeast Marine Fisheries Station  
 Attn: Environmental Reviewer  
 1213 Purchase Street – 3rd Floor  
 New Bedford, MA 02740-6694  
 North Shore - Hull to New Hampshire:  
 Division of Marine Fisheries - North Shore Office  
 Attn: Environmental Reviewer  
 30 Emerson Avenue  
 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.

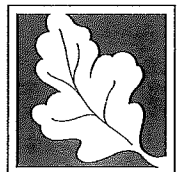
- b. ACEC  
 4. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?  
 a.  Yes  No  
 5. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?  
 a.  Yes  No

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

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







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

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:

1. Municipal Check Number	# 81184
2. State Check Number	# 81185
3. Check date	6/10/15
4. Check date	6/10/15
5. Payor name on check: First Name	HAYES ENGINEERING
6. 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.

1. Signature of Applicant  
Thomas J. Manacala  
 6/4/15

2. Date

3. Signature of Property Owner (if different)  
Regional Facility Director  
 4. Date

5. Signature of Representative (if any)  
see representative signature and cover signature  
 6. Date

on separate page

**For Conservation Commission:**

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

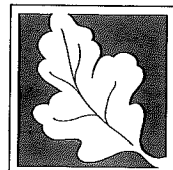
**For MassDEP:**

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

**Other:**

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

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



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

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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 \_\_\_\_\_ 3. Check date \_\_\_\_\_

4. State Check Number \_\_\_\_\_ 5. Check date \_\_\_\_\_

6. Payor name on check: First Name \_\_\_\_\_ 7. Payor name on check: Last Name \_\_\_\_\_

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1. Signature of Applicant \_\_\_\_\_ 2/Date *2/10/15*

3. Signature of Property Owner (if different) \_\_\_\_\_ 4. Date \_\_\_\_\_  
*Walter Hayes Engineering, Inc.* \_\_\_\_\_ 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.

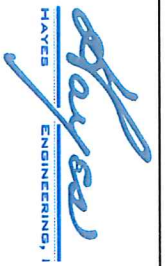
**For MassDEP:**

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.

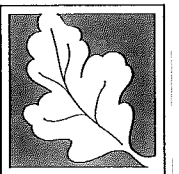
The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



UNITED STATES GEOLOGICAL SURVEY MAP  
25K MASSGIS QUADRANGLE  
("Oliver")

LOCUS MAP  
CAMP WAKANDA - #433 MAIN STREET  
BOXFORD, MASSACHUSETTS





**A. Applicant Information**

1. Location of Project: \_\_\_\_\_  
 Camp Wakanda - #433 Main Street  
 Boxford  
 a. Street Address  
 b. City/Town

c. Check number \_\_\_\_\_  
 d. Fee amount \_\_\_\_\_

2. Applicant Mailing Address:  
 John  
 Marshall  
 a. First Name  
 b. Last Name

3. Property Owner (if different):  
 Viking Tree and Landscaping  
 60 Concord Street  
 North Reading  
 (781) 389-2831  
 jmarshall@vikingtreelandscaping.com  
 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

YMCA of Greater Boston  
 36 Arthur B. Lord Drive  
 Reading  
 MA  
 01867  
 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.

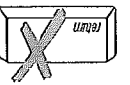
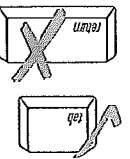
Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity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

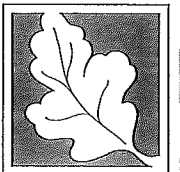
Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

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

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





**B. Fees (continued)**

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Retaining wall (Category 2.j.)	1	\$500.00	\$500.00

Step 5/Total Project Fee:	Step 6/Fee Payments:
\$500.00	Total Project Fee: \$500.00
	a. Total Fee from Step 5
	\$237.50
	b. 1/2 Total Fee less \$12.50
	\$262.50
	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.)

THIS CHECK HAS MICROPRINTING IN SIGNATURE AREA

**HAYES ENGINEERING, INC.**

*Hayes*  
Hayes Engineering, Inc.

Civil Engineering &  
Land Surveying  
603 Salem Street  
Wakefield, MA 01880

EASTERN BANK  
LYNN, MA

53-179  
113

Two Hundred Sixty Two and 50/100

DATE 06/10/15 CHECK NO. 81184 AMOUNT \$262.50

PAY TO THE ORDER OF

TOWN OF BOXFORD

*James J. ...*  
HAYES ENGINEERING, INC.

MP

THIS DOCUMENT CONTAINS A TRUE WATERMARK - HOLD TO LIGHT TO VIEW

⑈08⑈18⑈4⑈⑈0⑈130⑈798⑈⑈2⑈113⑈4⑈⑈

THIS CHECK HAS MICROPRINTING IN SIGNATURE AREA

**HAYES ENGINEERING, INC.**

*Hayes*  
Hayes Engineering, Inc.

Civil Engineering &  
Land Surveying  
603 Salem Street  
Wakefield, MA 01880

EASTERN BANK  
LYNN, MA

53-179  
113

Two Hundred Thirty Seven and 50/100

DATE 06/10/15 CHECK NO. 81185 AMOUNT \$237.50

PAY TO THE ORDER OF

COMMONWEALTH OF MASSACHUSETTS - DEP  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
P. O. BOX 4062  
BOSTON MA 02211

*James J. ...*  
HAYES ENGINEERING, INC.

MP

THIS DOCUMENT CONTAINS A TRUE WATERMARK - HOLD TO LIGHT TO VIEW

⑈08⑈18⑈5⑈⑈0⑈130⑈798⑈⑈2⑈113⑈4⑈⑈

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, Diane Benoit, hereby certify under the pains

and penalties of perjury that on 6/22/15 I gave notification to

abutters in compliance with the second paragraph of Massachusetts General Laws, Chapter 131, Section 40, and the DEP Guide to Abutter Notification dated April 8, 1994, in connection with the following matter: Retaining Wall Replacement.

A Notice of Intent filed under the Massachusetts Wetlands Protection Act by Wiking Tree and Landscaping, with the Boxford Conservation Commission on 6/22/15 for property located at Camp Wakanda, #443 Main Street, Boxford, MA, (Assessor Map 18, Block 01, Lot 30).

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 D. Benoit  
Date 6/22/15



**Notification to Abutters Under the  
Massachusetts Wetlands Protection Act  
And Town of Boxford Wetlands Protection Bylaw**

In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, you are hereby notified of the following.

- A. The name of the applicant is: Viking Tree and Landscaping.
- B. The applicant has filed a Notice of Intent application with the Conservation Commission for the municipality of Boxford for work within an Area Subject to Protection Under the Wetlands Protection Act (Mass. General Laws Chapter 131, Section 40) and Boxford Wetlands Protection Bylaw (Chapter 192).

- C. The address of the lot where the project is proposed: Camp Wakanda, #443 Main Street, Boxford. (Assessor's Map 18, Block 01, Lot 30).

- D. The activity proposed on the site: Retaining wall replacement and grading within 100 feet of Stiles Pond (work already in progress).

- E. Copies of the Notice of Intent may be examined/obtained at: Hayes Engineering, Inc., 603 Salem Street, Wakefield, MA, 01880 between the hours of 8 a.m. and 4:30 p.m. on the following days of the week: Monday through Friday by appointment only. For more information, call: (781) 246 -- 2800. Copies may also be examined at the Boxford Conservation Commission, 7A Spofford Road, Boxford, 01921. Monday - Thursday 8:30 am - 2pm, after 2 pm by appt only. (978)887-6000 x 181.

- F. \*\*Information regarding the date, time and place of the public hearing may be obtained from: at the Boxford Conservation Commission, 7A Spofford Road, Boxford, 01921. Monday-Thursday 8:30 am - 2pm, after 2 pm by appt only, (978)887-6000 x 506.

\*NOTE: Notice of the public hearing, including its date, time and place, will be published at least five (5) days in advance in either the Tri-Town Transcript or Eagle-Tribune.

\*NOTE: Notice of the public hearing, including its date, time and place, will be posted in the City or Town Hall not less than forty-eight (48) hours in advance.

NOTE: You also may contact your local Conservation Commission or the nearest Department of Environmental Protection Regional Office for more information about this application or the Wetlands Protection Act. To contact the DEP, call:  
Northeast Region - Wilmington: 978-694-3200.

TOWN OF BOXFORD  
 ABUTTER LIST  
 PARCEL #18-01-30 ~ 443 MAIN STREET ~ CONSERVATION COMMISSION 250' and POND FRONTAGE ABUTTERS

Map/Lot	Location	Owner	Owner 2	Owner Address	Owner City/Town	Owner State	Owner Zip Code
(18-01-39)	11 CHANDLER RD	APOLLO PROPERTY DEV LLC		203 WASHINGTON ST	SALEM	MA	01970
(13-02-03-3)	30A MULBERRY LN	BARANELLO ROBERT J	BARANELLO PATTIA	30A MULBERRY LN	BOXFORD	MA	01921
(18-01-37)	5A CHANDLER RD	JACKSON STEPHEN	CHAN-JACKSON SZE YUEN	5A CHANDLER RD	BOXFORD	MA	01921
(14-02-01)	444 IPSWICH RD	JONES DOROTHY S		444 IPSWICH RD	BOXFORD	MA	01921
(13-02-03-4)	30B MULBERRY LN	PICCIAFOCO DREW A	CELESTIN FREDERIC	30B MULBERRY LN	BOXFORD	MA	01921
(18-01-42)	31B CHANDLER RD	PICONE PETER TE	PICONE BETTY	31 B CHANDLER RD	BOXFORD	MA	01921
(18-01-38)	31C CHANDLER RD	REDDY BHANU TE	REDDY PRATHIMA	31 C CHANDLER RD	BOXFORD	MA	01921
(18-01-44)	30 CHANDLER RD	ROBERTSON DAVID H TE	ROBERTSON KIMBERLY K	30 CHANDLER RD	BOXFORD	MA	01921
(17-02-32-12)	27A BAYNS HILL RD	ROBIDOUX ANDREA L		27A BAYNS HILL RD	BOXFORD	MA	01921
(18-01-41)	31A CHANDLER RD	TAYLOR ROBERT H		31 A CHANDLER RD	BOXFORD	MA	01921
(14-02-06)	5B CHANDLER RD	VITAS E ZACHARY	VITAS KATHERINE E	5B CHANDLER RD	BOXFORD	MA	01921
(18-01-43)	32 CHANDLER RD	WEISENHOF SCOTT M TR	WEISENHOF ALESSANDRA C TR	32 CHANDLER RD	BOXFORD	MA	01921
(18-01-30)	443 MAIN ST	YMCA OF GREATER BOSTON	CAMP WAKANDA	316 HUNTINGTON AVE	BOSTON	MA	02115

**POND ABUTTERS**

Map/Lot	Location	Owner	Owner 2	Owner Address	Owner City/Town	Owner State	Owner Zip Code
(18-01-16)	STILES POND RD	AUTIELLO RAYMOND G JR TR	AUTIELLO FAMILY REAL ESTATE	P O BOX 263	W BOXFORD	MA	01885
(18-01-17)	102 STILES POND RD MIDDLE	AUTIELLO RAYMOND G JR TR	AUTIELLO FAMILY REAL ESTATE	PO BOX 263	W BOXFORD	MA	01885
(18-01-34)	22A CHANDLER RD	BEAULIEU ALAN P TE	BEAULIEU NANCY D	22A CHANDLER RD	BOXFORD	MA	01921
(18-01-15)	104 STILES POND RD MIDDLE	BOYLE JOSEPH G TE	COLLEEN BOYLE	P O BOX 16	W BOXFORD	MA	01885
(18-01-21)	98 STILES POND RD	BUSBY SR PHILIP A JT	MARIE W BUSBY	9 POND LANE	ATKINSON	NH	03811
(18-01-08)	112 STILES POND RD	CUNNINGHAM JOSEPH		39 PLEASANT ST	STONEHAM	MA	02180
(18-01-23-C)	96 STILES POND RD	CUNNINGHAM JOSEPH W		39 PLEASANT ST	STONEHAM	MA	02180
(18-01-26)	20A STILES POND RD	CUNNINGHAM JOSEPH W	CYNTHIA CUNNINGHAM	39 PLEASANT ST	STONEHAM	MA	02180

CERTIFIED COPY

*Jan Selva*

Page 1 of 2  
 MAY 20, 2015

TOWN OF BOXFORD  
 ABUTTER LIST  
 PARCEL #18-01-30 ~ 443 MAIN STREET ~ CONSERVATION COMMISSION 250' and POND FRONTAGE ABUTTERS

(17-02-29)	4A STILES POND	DANVERS COMMUNITY Y.M.C.A.		34 PICKERING ST	DANVERS	MA	01923
(18-01-14)	106 STILES POND RD	DOLAN DOUGLAS		106 STILES POND RD	BOXFORD	MA	01921
(18-01-02)	81B STILES POND RD SOUTH	DOTY DOUGLAS P	SANDRA J DOTY	6 ELM ST	N READING	MA	01864
(18-01-06)	118 STILES POND SOUTH	EST OF PATRICIA A STICKNEY	STICKNEY STEPHEN A	118 STILES POND SOUTH	BOXFORD	MA	01921
(18-01-13-A)	108 STILES POND RD	ETHIER ALBERT E TE	ETHIER ANN F	337 WOBURN STREET	WILMINGTON	MA	01887
(18-01-13)	108 STILES POND RD MIDDLE	ETHIER ALBERT E TE	ETHIER ANN F	337 WOBURN STREET	WILMINGTON	MA	01887
(17-02-32-13)	27B BAYNS HILL RD	FULLER PETER W TE	FULLER TAMMY L	P O BOX 138	BOXFORD	MA	01921
(18-01-27-1)	4C STILES POND RD	CARSLIDE HARD E TRUSTEE	CARSLIDE MARIA IDILLA	P O BOX 44	BOXFORD	MA	01921
(18-01-04)	81A STILES POND RD	GILMAN DAVID S	MENDONCA TRUSTEE	P O BOX 171	W BOXFORD	MA	01885
(18-01-33)	22B CHANDLER RD	JENKINSON JOSEPH W T	GILMAN CORINE P	22B CHANDLER RD	BOXFORD	MA	01921
(18-01-06-A)	116 STILES POND RD	KAGAN J P TR	W & B KAGAN FAM TR	P O BOX 408	W BOXFORD	MA	01885
(17-02-32-8)	27C BAYNS HILL RD	KLANDERMAN GREGORY A		27C BAYNS HILL RD	BOXFORD	MA	01921
(18-01-07)	114 STILES POND RD MIDDLE	KREINER ANITA P TE	KREINER DANIEL	114 STILES POND RD	BOXFORD	MA	01921
(18-01-03)	114 STILES POND RD	KREINER DANIEL TE	KREINER ANITA P	114 STILES POND RD	BOXFORD	MA	01921
(18-01-35)	20C STILES POND RD SOUTH	KRESS DAVID W	KRESS LOUISE R BALWIT	P O BOX 83	W BOXFORD	MA	01885
(18-01-32)	22C CHANDLER RD	LITTLEFIELD KENNETH E	LITTLEFIELD JANE E	22C CHANDLER RD	BOXFORD	MA	01921
(18-02-04)	372 IPSWICH RD	LYNN CAMP ROTARY		P O BOX 270	BOXFORD	MA	01921
(18-01-01)	81C STILES POND RD SOUTH	MUTO VICTOR L TE	CHRISTINE R MUTO	P O BOX 511	W BOXFORD	MA	01885
(18-01-11)	110 STILES POND RD	PARKE BARBARA G TR		110 STILES POND RD	BOXFORD	MA	01921
(18-01-44)	30 CHANDLER RD	ROBERTSON DAVID H TE	ROBERTSON KIMBERLY K	30 CHANDLER RD	BOXFORD	MA	01921
(17-02-32-12)	27A BAYNS HILL RD	ROBIDOUX ANDREAL		27A BAYNS HILL RD	BOXFORD	MA	01921
(18-01-24)	20B STILES POND RD SOUTH	ROHR KENNETH R TE	FRANCES J ROHR	P O BOX 462	W BOXFORD	MA	01885
(17-02-27-1)	STILES POND	TOWN OF BOXFORD		7A SPOFFORD RD	BOXFORD	MA	01921
(17-02-31)	4B STILES POND	TOWN OF BOXFORD		7A SPOFFORD RD	BOXFORD	MA	01921
(18-01-43)	32 CHANDLER RD	WEISENHOF SCOTT M TR	WEISENHOF ALESSANDRA C	32 CHANDLER RD	BOXFORD	MA	01921
(18-01-30)	443 MAIN ST	YMCA OF GREATER BOSTON	CAMP WAKANDA	316 HUNTINGTON AVE	BOSTON	MA	02115

CERTIFIED COPY  
*Jan Sklar*  
 Page 2 of 2  
 MAY 20, 2015

**PROJECT NARRATIVE  
RETAINING WALL REPLACEMENT  
CAMP WAKANDA  
#443 MAIN STREET  
BOXFORD, MASSACHUSETTS**

June 17, 2015

Existing Conditions

This Notice of Intent is being submitted as an "after-the-fact" filling in response to a Enforcement Order (EO) issued by the Boxford Conservation Commission pursuant to the construction of a 104± ft. long by 3.5± ft. high block retaining wall under way within the 100-foot buffer zone at the YMCA's Camp Wakanda facility. The block wall in progress replaces a decrepit creosote covered railroad tie wall that was infested with insects. The wall was located upgradient of their Stiles Pond beach prior to being demolished in preparation for construction of the new wall (refer to attached Photographs #1& #2). The area of disturbance resulting from the removal was larger than expected since the wood wall had tiebacks into the slope for stability. Project activities accomplished at the time of the EO issuance consisted of railroad tie wall removal, erosion control barrier installation, excavation and trenching, placement of crushed stone within the trench, and grading on the slope above the wall. The site contractor was additionally allowed by the Conservation Commission to perform additional work to regrade the areas of exposed soil, apply hydros seeding, and install erosion control mats to temporarily stabilize disturbed areas on the slope above the proposed wall as a safety measure to protect campers using the facility during the summer. That additional work has been completed as of June 12, 2015 (refer to photograph #3). Current conditions, site photographs, and delineated resource areas (bordering vegetated wetland and inland bank) are shown on the accompanying Hayes Engineering, Inc. plan titled "Notice of Intent Plan, Camp Wakanda, #433 Main Street, Boxford, Mass." Dated May 20, 2015, revised through June 15, 2015.

Proposed Project

The purpose of this application is not only as an after-the-fact filling in response to the EO, but also to serve as a request for a permit to complete the intended project. The applicant proposes to continue construction of the wall and conduct associated grading in September of 2015 (anticipated timing) after the camp program ends. If the summer program allows, it may be possible to complete the work before Fall in order to allow the proposed grass cover sufficient time to become established before the end of the growing season. However, this timing will strictly be only with the approval of the YMCA. Retaining wall completion will entail the installation of wall blocks, placement of a geotextile fabric liner, installation of a perforated drain pipe, backfilling with crushed stone, re-grading the area above the wall to form a gradual transition from existing elevations to the wall, applying loam and seed to disturbed slope areas, and installing straw erosion blankets over the seeded areas. Existing trees upgradient of the wall will be retained and will have compatible grades to existing conditions. Tree damage will be avoided by keeping heavy machinery away from the vicinity of the trees and their root systems. Proposed conditions and a wall block detail are provided on the above-referenced plan.

Regulations

This work is subject to regulation under the Massachusetts Wetlands Protection Act (M.G.L. Chapter 131, section 40 and 310 CMR 10.00) and the Town of Boxford Wetlands Protection Bylaw (General Bylaws Chapter 192 and Chapter 375). The previously described work is entirely located within the 100-foot buffer zone. The Boxford Wetlands Protection Bylaw and associated regulations establish the 100-foot buffer zone as a resource area and more specifically require minimum setbacks for work within that resource area as shown in the Chart provided at §375-98 (B)(5). For this site, work is required to be at least 100 feet from Stiles Pond and at least 30 feet from other resource areas. The wall project does not meet these standards. As such, the Applicant requests the issuance of a waiver from the aforementioned setback requirements as part of this filling to allow the retaining wall to be constructed as proposed on the accompanying plan in consideration that the work is located within areas previously occupied by a wood wall and other pre-existing man-made disturbances. The Bylaw also requires that all other Boxford Bylaw permits necessary for the project be either obtained or applied for prior to submission of an application to the Boxford Conservation Commission. The new wall as designed will be less than four feet in height and so does not need a building permit from the Building Department and it will not require any other Bylaw permits.

PHOTO # 1 WOOD WALK REMAINS MAY 2015



PHOTO #2 WOOD WALL REMAINS MAY 2015



PHOTO #3 - SLOPE HYDRASEEDED JUNE 2015

