

Stamski And McNary, Inc.
Engineering - Planning - Surveying
1000 Main Street; Acton, MA 01720 (978) 263-8585
www.stamskiandmcnary.com

Notice of Intent

Under the Massachusetts Wetland Protection Act,
M.G.L. c. 131, s. 40 and the Town of Acton Wetlands
Protection Bylaw – Chapter F

for

**6 Partridge Pond Road
Acton, MA**

Applicant: Tania Ellis
3 Timberlane Road
Windham, NH 03087

Owner: Leda Ellis
6 Partridge Pond Road
Acton, MA 01720

Date: March 28, 2013

SM-4970A

Table of Contents

Project Narrative

Notice of Intent – WPA Form 3

Certified Abutters List / Affidavit / Notice to Abutters

Attachments:

- A. U.S.G.S. Map
- B. Massachusetts Natural Heritage Atlas 13th edition, Effective: October 1, 2008
- C. FEMA Flood Insurance Map
- D. DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Forms
- E. Sewage Disposal Plan by Stamski and McNary, Inc. Dated: March 28, 2013.

Project Narrative

Existing Conditions

The property consists of approximately 2.08 acres of land on Partridge Pond Road. The lot contains an existing shed and a portion of a driveway. The existing shed and driveway is within 100' of the Bordering Vegetated Wetland (BVW) that is located to the west of the site. Much of the Buffer Zone is an existing yard/lawn area.

Proposed Project

The Applicant is proposing to construct a single family dwelling with a paved driveway and related appurtenances. The existing shed is to be relocated. The proposed driveway is within the 100' Buffer Zone but outside the 75' setback for driveways, roadways, and structures. Underground utilities will also be installed along the driveway.

Resource Areas and the Buffer Zone:

The resource area on this lot is Bordering Vegetated Wetland (BVW). The BVW is located on the westerly portion of the lot and was delineated by B&C Associates. There is also a BVW across Partridge Pond Road that projects a 100' Buffer Zone on to the property.

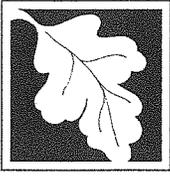
Compliance with Town Wetland Protection Bylaw Section F8.3:

The requirements set forth in Section F8.3 of the Town Wetland Bylaw have been met since the proposed driveway and dwelling will not be within the 75-foot setback for driveways, roadways, and structures. Utilities are proposed within the 50' buffer, but are within the pre-existing disturbed area of Partridge Pond Road.

Compliance with General Performance Standards for BVW 310 CMR 10.55(4):

The General Performance Standards for a Bordering Vegetated Wetland have been met since the proposed activity does not involve removing, filling, dredging or altering of a BVW. The proposed siltation controls will prevent indirect alteration of wetlands during construction.

Notice of Intent - WPA Form 3



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

Acton

City/Town

A. General Information (continued)

6. General Project Description:

Construction of a proposed single family home.

7a. Project Type Checklist:

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

7b. Is any portion of the proposed activity eligible to be treated as a limited project subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. Yes No If yes, describe which limited project applies to this project:

2. Limited Project

8. Property recorded at the Registry of Deeds for:

Middlesex

a. County

26204

c. Book

b. Certificate # (if registered land)

118

d. Page Number

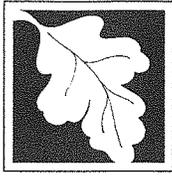
B. Buffer Zone & Resource Area Impacts (temporary & permanent)

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

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

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

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



WPA Form 3 – Notice of Intent

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

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Acton

City/Town

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

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)	

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

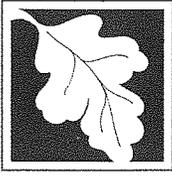
6. Was the lot where the activity is proposed created prior to August 1, 1996? Yes No

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. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	1. square feet _____	
	2. cubic yards dredged _____	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet _____	2. cubic yards beach nourishment _____
e. <input type="checkbox"/> Coastal Dunes	1. square feet _____	2. cubic yards dune nourishment _____

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



WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

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Document Transaction Number _____

Acton _____

City/Town _____

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

	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	_____	
	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	_____	
	1. square feet	
h. <input type="checkbox"/> Salt Marshes	_____	_____
	1. square feet	2. sq ft restoration, rehab., creation
i. <input type="checkbox"/> Land Under Salt Ponds	_____	
	1. square feet	

	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	_____	
	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	

	1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	_____	
	1. square feet	
4. <input type="checkbox"/> Restoration/Enhancement	If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.	
	_____	_____
	a. square feet of BWV	b. square feet of Salt Marsh
5. <input type="checkbox"/> Project Involves Stream Crossings		
	_____	_____
	a. number of new stream crossings	b. number of replacement stream crossings

C. Other Applicable Standards and Requirements

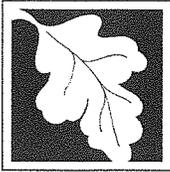
Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://www.mass.gov/dfwele/dfw/nhESP/regulatory_review/priority_habitat/online_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
100 Hartwell Street, Suite 200
West Boylston, MA 01583

October 1, 2008
b. Date of map _____



WPA Form 3 – Notice of Intent

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

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Document Transaction Number

Acton

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/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

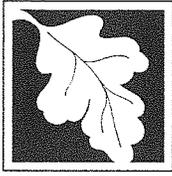
d. OR Check One of the Following

1. Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/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

* Some projects not in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/dfwele/dfw/nhosp/nhosp.htm>, regulatory review tab). 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

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Acton

City/Town

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

3. Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.
2. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?
- a. Not applicable – project is in inland resource area only
- b. Yes No If yes, include proof of mailing or hand delivery of NOI to either:
- | | |
|--|--|
| South Shore - Cohasset to Rhode Island, and the Cape & Islands:

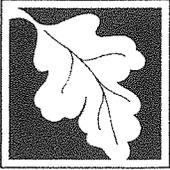
Division of Marine Fisheries - Southeast Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694 | North Shore - Hull to New Hampshire:

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
6. Is this project subject to provisions of the MassDEP Stormwater Management Standards?
- a. Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
 2. A portion of the site constitutes redevelopment
 3. Proprietary BMPs are included in the Stormwater Management System.
- b. No. Check why the project is exempt:
1. Single-family house

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



WPA Form 3 – Notice of Intent

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

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Acton

City/Town

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

- 2. Emergency road repair
- 3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

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

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

- 1. USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
- 2. Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.
- 3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.
- 4. List the titles and dates for all plans and other materials submitted with this NOI.

Sewage Disposal Plan

a. Plan Title

Stanski and McNary, Inc.

b. Prepared By

March 28, 2013

d. Final Revision Date

George Dimakarakos, P.E.

c. Signed and Stamped by

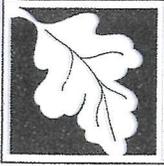
As Shown

e. Scale

f. Additional Plan or Document Title

g. Date

- 5. If there is more than one property owner, please attach a list of these property owners not listed on this form.
- 6. Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.
- 7. Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.
- 8. Attach NOI Wetland Fee Transmittal Form
- 9. Attach Stormwater Report, if needed.



WPA Form 3 – Notice of Intent

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

Provided by MassDEP

MassDEP File Number

Document Transaction Number

Acton

City/Town

E. Fees

- 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.

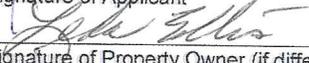
Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

1206 AND 1207	11/8/12
2. Municipal Check Number	3. Check date
1205	11/8/12
4. State Check Number	5. Check date
TAVIA	ELLIS
6. Payor name on check: First Name	7. Payor name on check: Last Name

F. Signatures and Submittal Requirements

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

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

	11/9/12
1. Signature of Applicant	2. Date
	11/9/12
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.

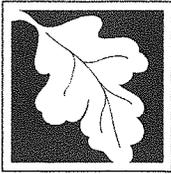
For MassDEP:

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:

6 Partridge Pond Road
 a. Street Address
 1205
 c. Check number
 Acton
 b. City/Town
 \$ 237.50
 d. Fee amount

2. Applicant Mailing Address:

Tania
 a. First Name
 Ellis
 b. Last Name
 c. Organization
 3 Timberlane Road
 d. Mailing Address
 Windham
 e. City/Town
 NH
 f. State
 03087
 g. Zip Code
 h. Phone Number
 i. Fax Number
 j. Email Address

3. Property Owner (if different):

Leda
 a. First Name
 Ellis
 b. Last Name
 c. Organization
 6 Partridge Pond Road
 d. Mailing Address
 Acton
 e. City/Town
 MA
 f. State
 01720
 g. Zip Code
 h. Phone Number
 i. Fax Number
 j. Email Address

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

B. Fees

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

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

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

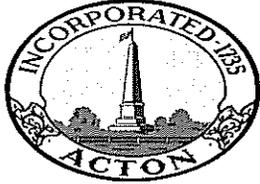
Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

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

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

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

Certified Abutters List / Affidavit / Notice to Abutters



Brian McMullen
Assessor

Town of Acton
472 Main Street
Acton, MA 01720
Telephone 978-929-6621
Fax 978-929-6340

LOCUS 6 PARTRIDGE POND LANE
PARCEL ID F3-70-10 F3-70-14

Location	Parcel ID	Owner	Co-Owner	Mailing Address	City	ST	Zip
6 PARTRIDGE POND RD	F3-70-14	ELLIS LEDA		6 PARTRIDGE POND RD	ACTON	MA	01720
6 PARTRIDGE POND RD	F3-70-10	ELLIS LEDA		6 PARTRIDGE POND RD	ACTON	MA	01720
4 PARTRIDGE POND RD	F3-91-1	DISPENA JOSEPH		169 CEDAR AVENUE	ARLINGTON	MA	02476
5 BARKER RD	F3-124-1	ZOBAIR TALHA A	ZOVAIR JENNIFER A	5 BARKER RD	ACTON	MA	01720
8 PARTRIDGE POND RD	F3-70-13	PHARO MARK L	PHARO CHRISTINA G	8 PARTRIDGE POND RD	ACTON	MA	01720
8 PARTRIDGE POND RD	F3-70-13	PHARO MARK L	PHARO CHRISTINA G	8 PARTRIDGE POND RD	ACTON	MA	01720
5 PARTRIDGE POND RD	F3-70-3	NUGENT EDGAR H III TRUSTEE	NUGENT SUSAN	5 PARTRIDGE POND RD	ACTON	MA	01720
2 PARTRIDGE POND RD	F3-91	NAGARAJAN GANANATHAN		2 PARTRIDGE POND RD	ACTON	MA	01720
7 PARTRIDGE POND RD	F3-70-6	HESSE GARY W	HESSE KATHERINE A	7 PARTRIDGE POND RD	ACTON	MA	01720
3 PARTRIDGE POND RD	F3-70-7	GOLOVCHENKO PETER	GOLOVCHENKO ANN R	3 PARTRIDGE POND RD	ACTON	MA	01720
87 TAYLOR RD	G3-18	CURRAN ANTHONY	CURRAN LAURIE S	87 TAYLOR RD	ACTON	MA	01720

The owner of land sharing a common boundary or corner with the site of the proposed activity (100 feet) in any direction, including land located directly across a street, way, creek, river, stream, brook or canal. The above are as they appear on the most recent applicable taxes.

3/29/2013

Marty Abbott
Assessor Clerk

AFFIDAVIT OF SERVICES

Under the Massachusetts Wetlands Protection Act
(to be submitted to the Massachusetts Department of
Environmental Protection and the Department of Natural
Resources
when filing an Abbreviated Notice of Resource Area
Delineation)

I, William Hall, hereby certify under the pains and penalties of perjury
that on 4/2/2013 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:

An Abbreviated Notice of Resource Area Delineation
filed under the Massachusetts Wetlands Protection
Act by Tania Ellis, with the Acton Conservation
Commission for property located at 6 Partridge Pond
Road, Map F-3 Parcels 70-10 & 70-14.

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: Bill Hall

Date: 4/2/2013

NOTIFICATION TO ABUTTERS
UNDER THE MASSACHUSETTS WETLANDS PROTECTION ACT
AND THE TOWN OF ACTON WETLANDS BYLAW

In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40 and the Town of Acton Bylaws, you are hereby notified of the following:

The Applicant: Tania Ellis
Address: 3 Timberlane Road, Windham, NH 03087 Phone: (603) 548-9990

has filed a Notice of Intent with the Acton Conservation Commission seeking permission to remove, fill, dredge or alter an Area Subject to Protection under the Wetlands Protection Act .

Applicant's Representative: Stamski and McNary, Inc.
Address 1000 Main Street, Acton, MA 01720 Phone: (978) 263-8585

The address of the property where the activity is proposed: 6 Partridge Pond Road

Town Atlas Plate/Map F-3 Parcel/Lot 70-10 & 70-14

Project Description: Construction of a single family home.

Copies of the Notice of Intent may be examined at the Conservation Office, Acton Town Hall, 472 Main Street, Acton. Between the hours of 8:00 A.M. and 4:30 P.M. Monday through Friday. For more information please call the Conservation Office at 978-264-9631.

A Public Hearing will be held at the Acton Town Hall, 472 Main Street, on Wednesday,
April 17, 2013 at 8:15 P.M.
(date)

The notice of the public hearing will be published at least five (5) days in advance in the *Beacon* newspaper or *Metrowest Daily News*.

NOTE: You may also contact your local conservation commission or the nearest Department of Environmental Protection Regional Office for the information about this application or, the Wetlands Protection Act. Acton is in the Central Region. To contact DEP, call:

***Central Region: 508-792-7650**
Southeast Region: 508-946-2700

Northeast Region: 978-694-3200
Western Region: 413-784-1100

Attachment A
U.S.G.S. Map

LESEX COUNTY

26 KM.
INTERSTATE 495

27' 30"

99

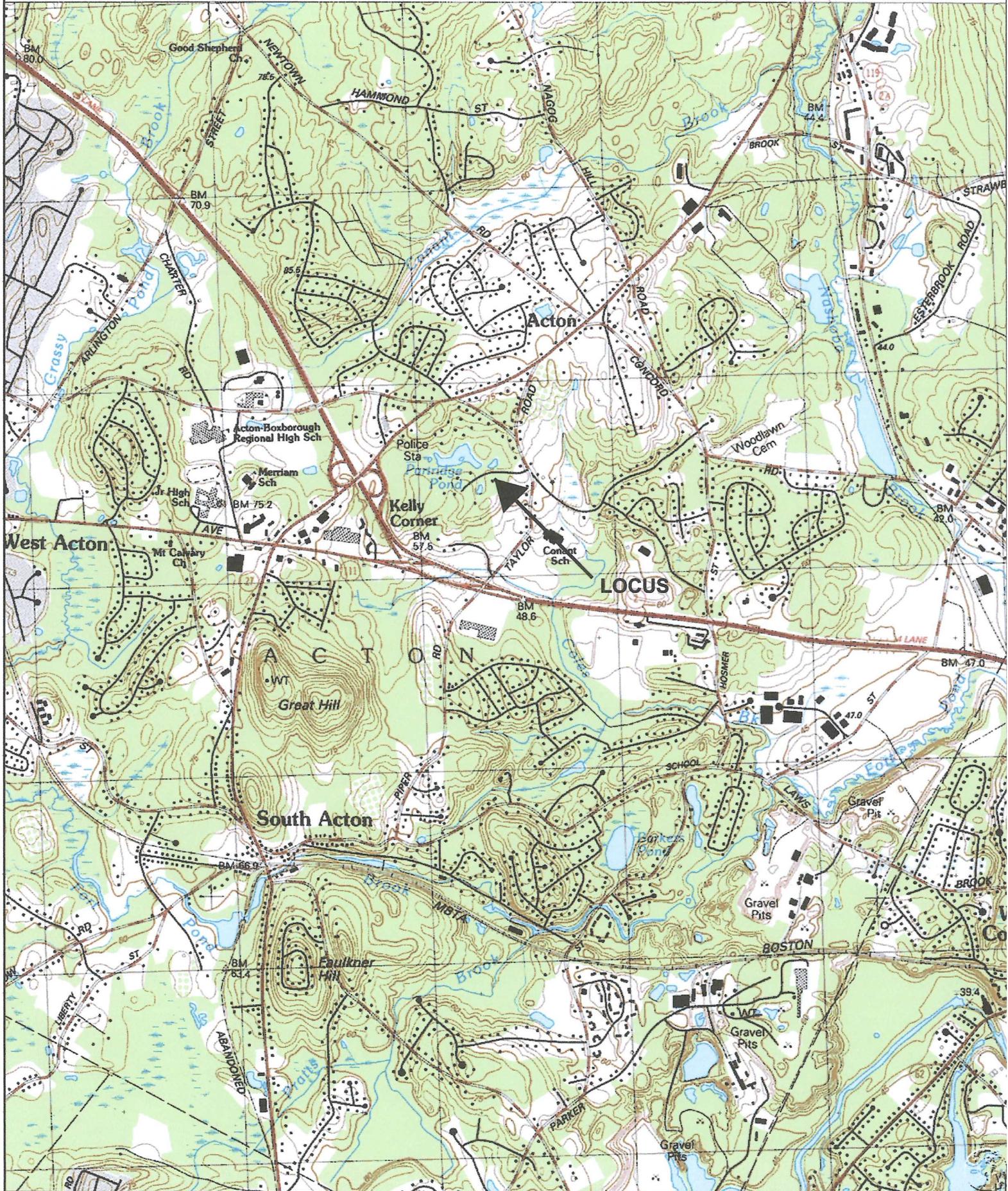
00

LOWELL 21 KM.
CHELMSFORD 13 KM.

7.1 KM. TO INTERSTATE 495

25'

02



<Default> - 1 Markers, Length = 0 feet

Locus - 042° 28' 39.8" N, 071° 26' 26.2" W

Copyright (C) 1997, Maptech, Inc.

Attachment B
Massachusetts Natural Heritage Atlas 13th Edition



OXBOROUGH

ACTON

LOCUS

CONCORD

TOW

MAYNARD

HUDSON

SUDBURY

2

119
2A

27

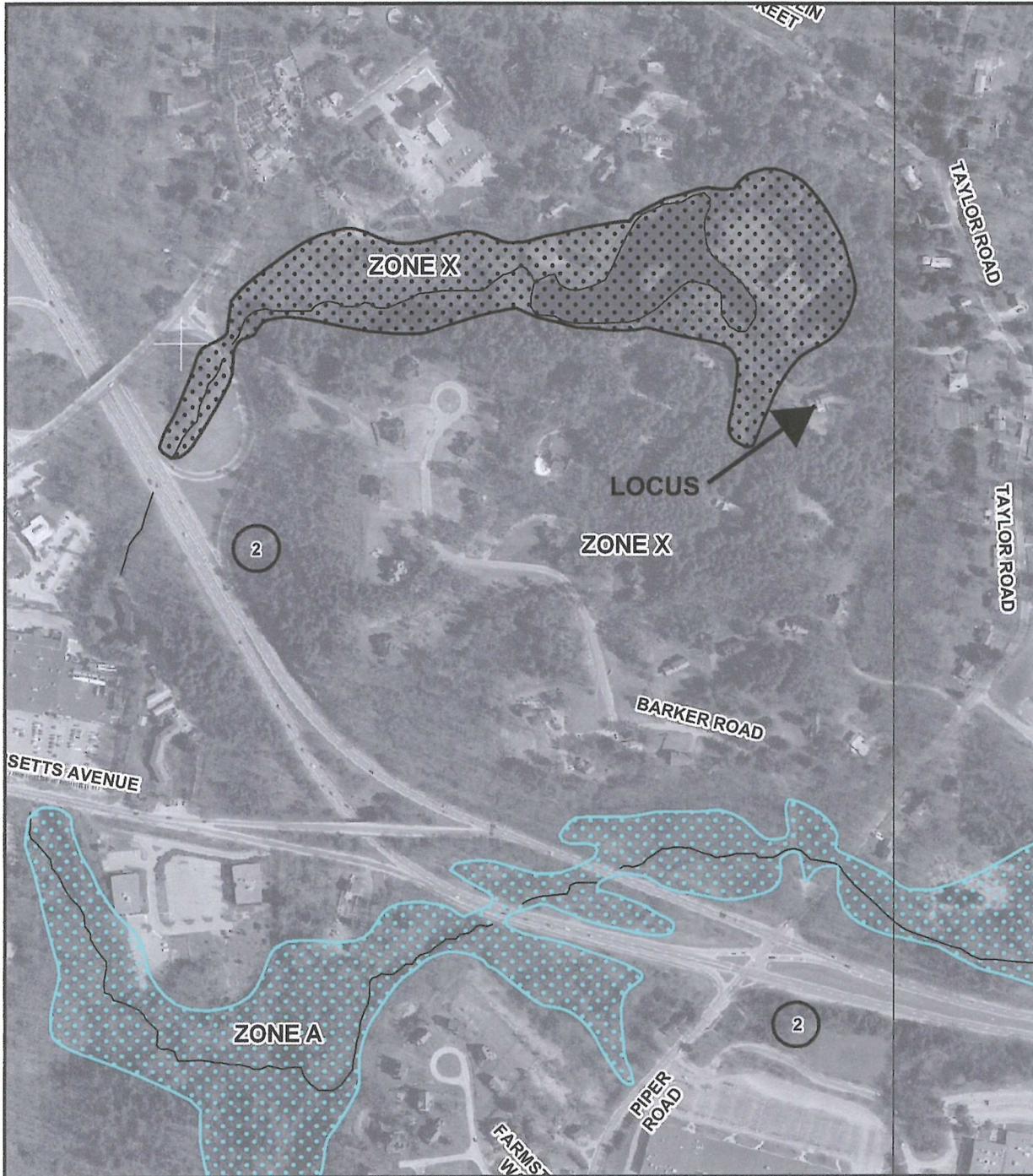
111

2A

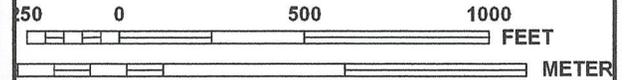
62

117

Attachment C
FEMA Flood Insurance Map



MAP SCALE 1" = 500'



NFIP

PANEL 0352E

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

MIDDLESEX COUNTY,
MASSACHUSETTS
(ALL JURISDICTIONS)

PANEL 352 OF 656

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
ACTON, TOWN OF	250176	0352	E

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER

25017C0352E

EFFECTIVE DATE

JUNE 4, 2010

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

Attachment D
DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation
Field Data Forms

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

Applicant: _____ Prepared by: B & C Associates Inc. Project location: 6 Partridge Pond Road, Acton 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: 1 Transect Number: A Date of Delineation: 7/17/12

A. Sample Layer and Plant Species (by common/scientific name)		B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category *	
Herbaceous:	Cinnamon Fern	<i>Osmunda cinnamomea</i>	20.5	44%	Yes	FACW *
	Poison Ivy	<i>Toxicodendron radicans</i>	20.5	44%	Yes	FAC *
	Swamp Dewberry	<i>Rubus hispidus</i>	3.0	6%	No	FACW *
	New York Fern	<i>Thelypteris noveboracensis</i>	3.0/47.0	6%	No	FAC *
Shrubs:	European Buckthorn	<i>Rhamnus frangula</i>	10.5	44%	Yes	FAC *
	Tupelo	<i>Nyssa sylvatica</i>	10.5	44%	Yes	FACW+ *
	White Pine	<i>Pinus strobus</i>	3.0/24.0	12%	No	FACU
Saplings:	Tupelo	<i>Nyssa sylvatica</i>	20.5	66%	Yes	FACW+ *
	Red Maple	<i>Acer rubrum</i>	10.5/31.0	34%	Yes	FAC *
Lianas:	None					
Overstory:	Swamp White Oak	<i>Quercus bicolor</i>	1075.2	96%	Yes	FACW+ *
	Red Maple	<i>Acer rubrum</i>	39.2/114.4	4%	No	FAC *

* Use an asterisk to mark wetland indicator plants: plant species listed in the Wetlands Protection Act (MGL c.131, s.40); plants in the genus *Sphagnum*; plants listed as FAC, FAC+, FACW-, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological or morphological adaptations, describe the adaptation next to the asterisk.

Vegetation conclusion:

Number of dominant wetland indicator plants: 7 Number of dominant non-wetland Indicator plant: 0

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

**Section II. Indicators of Hydrology
Hydric Soil Interpretation**

1. Soil Survey

Is there a published soil survey for this site? **YES**

title/date: Middlesex County 2/26/10

map number: 1

soil type mapped: Charlton fine sandy loam

hydric soil inclusions:

Are field observations consistent with soil survey? **YES**

Remarks:

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color
O _t	2-0"		
A	0-4"	10 YR 2/1	
B	4-12"	10 YR 3/4	

Remarks:

3. Other: 20' 6" to Wetland Flag # 6
6' 1" to Wetland Flag # 7

Conclusion: Is soil hydric? **NO**

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

- Site inundated: _____
- Depth to free water in observation hole: _____
- Depth to soil saturation in observation hole: _____
- Water marks: _____
- Drift lines: _____
- Sediment deposits: _____
- Drainage patterns in BVW: _____
- Oxidized rhizospheres: _____
- Water-stained leaves: _____
- Recorded data (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 checked="" type="checkbox"/>	<input 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"/>

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

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

Applicant: _____ Prepared by: B & C Associates Inc. Project location: 6 Partridge Pond Road, Acton 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: 2 Transect Number: A Date of Delineation: 7/17/12

A. Sample Layer and Plant Species (by common/scientific name)			B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category *	
Herbaceous:	Poison Ivy	<i>Toxicodendron radicans</i>	3.0	33%	Yes	FAC	*
	Cinnamon Fern	<i>Osmunda cinnamomea</i>	3.0	33%	Yes	FACW	*
	Swamp Dewberry	<i>Rubus hispidus</i>	3.0/9.0	33%	Yes	FACW	*
Shrubs:	European Buckthorn	<i>Rhamnus frangula</i>	10.5	87%	Yes	FAC	*
	White Pine	<i>Pinus strobus</i>	3.0/23.5	13%	No	FACU	
Saplings:	Tupelo	<i>Nyssa sylvatica</i>	10.5/10.5	100%	Yes	FACW+	*
Lianas:	None						
Overstory:	Swamp White Oak	<i>Quercus bicolor</i>	1823.1	98%	Yes	FACW+	*
	Red Maple	<i>Acer rubrum</i>	39.2/1862.4	2%	No	FAC	*

* Use an asterisk to mark wetland indicator plants: plant species listed in the Wetlands Protection Act (MGL c.131, s.40); plants in the genus *Sphagnum*; plants listed as FAC, FAC+, FACW-, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological or morphological adaptations, describe the adaptation next to the asterisk.

Vegetation conclusion:

Number of dominant wetland indicator plants: 6 Number of dominant non-wetland Indicator plant: 0

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

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

BC 1207-03

MA DEP; 3/95

**Section II. Indicators of Hydrology
Hydric Soil Interpretation**

1. Soil Survey

Is there a published soil survey for this site? **YES**

title/date: Middlesex County 2/26/10

map number: 1

soil type mapped: Charlton fine sandy loam

hydric soil inclusions:

Are field observations consistent with soil survey? **NO**

Remarks:

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color
O _A	0-16"	10 YR 2/1	

Remarks:

3. Other: 21' 5" to Wetland Flag # 6
10' 6" to Wetland Flag # 7
11' 0" Downgradient from A1

Conclusion: Is soil hydric? **YES**

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

- Site inundated: _____
- Depth to free water in observation hole: _____
- Depth to soil saturation in observation hole: _____
- Water marks: _____
- Drift lines: _____
- Sediment deposits: _____
- Drainage patterns in BVW: _____
- Oxidized rhizospheres: _____
- Water-stained leaves: _____
- Recorded data (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 checked="" type="checkbox"/>	<input 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"/>

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

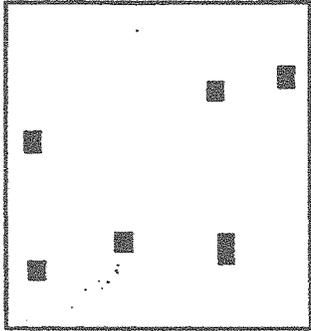
Hydric Soil Indicators

Most hydric soils have a soil horizon with a chroma of 0, 1, or 2 below the A-horizon. These are referred to as low-chroma colors. (Reminder: the Munsell Soil Color Charts are used to determine soil colors.) Generally, when evaluating mineral soils for low-chroma colors or other evidence of saturation, look for indicators directly below the A-horizon and within the top 12 inches of the soil surface. In areas where the O-horizon is less than 8 inches thick, soil depths are measured from the bottom of the O-horizon. When the O-horizon is 8 inches or greater (for histosols and soils with histic epipedons), such depths are measured from the soil surface. The soil surface is the top of the mineral soil; or, for soils with an O-horizon, the soil surface is measured from the top of the O-horizon. Fresh leaf or needle fall that has not undergone observable decomposition (the litter layer) is excluded from soil and may be separately described.

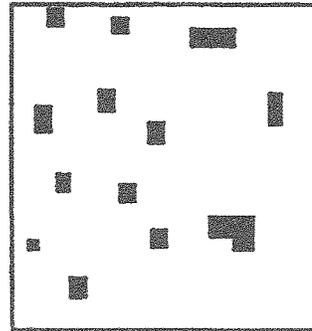
The following is a list of some hydric soil indicators - any of which can be used to identify the presence of wetland hydrology:

- ◆ Histosols (organic soils). Histosols are soils with at least 16 inches of organic material measured from the soil surface.
- ◆ Histic epipedons. These are soils with 8 to 16 inches of organic material measured from the soil surface.
- ◆ Sulfidic material. A strong "rotten egg" smell generally is noticed immediately after the soil test hole is dug.
- ◆ Gleyed soils. Soils that are predominantly neutral gray, or occasionally greenish or bluish gray in color within 12 inches from the bottom of the O-horizon. (The Munsell Soil Color Charts have special pages for gleyed soils.)
- ◆ Soils with a matrix chroma of 0 or 1 and values of 4 or higher within 12 inches from the bottom of the O-horizon.
- ◆ Within 12 inches from the bottom of the O-horizon, soils with a chroma of 2 or less and values of 4 or higher in the matrix, and mottles with a chroma of 3 or higher.
- ◆ Within 12 inches from the bottom of the O-horizon, soils with a matrix chroma of 3 and values of 4 or higher, with 10 percent or more low-chroma mottles, as well as indicators of saturation (i.e., mottles, oxidized rhizospheres, concretions, nodules) within 6 inches of the soil surface.

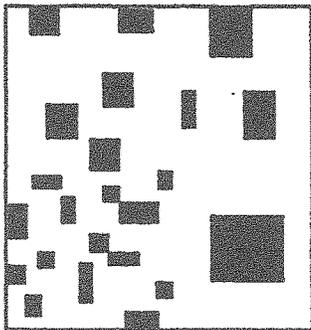
Charts for Estimating Percent Redoximorphic Features



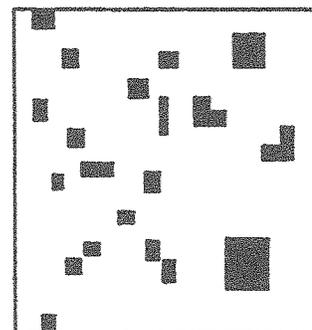
2%



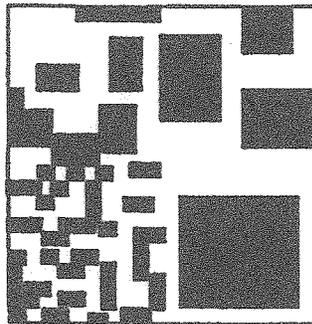
5%



20%



10%



50%

ADJUSTMENT
0-2 FFw
2-20 common
20+ rare

Attachment E
Sewage Disposal Plan By Stamski and McNary, Inc.

From: CERO_NOI@MassMail.state.ma.us
To: gd@stamskiandmcnary.com
Cc: ceronoi@state.ma.us; [Conservation Commission](#); ceronoi@state.ma.us
Subject: MassDEP NOI File Number
Date: Friday, April 12, 2013 10:33:36 AM

COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENERGY & ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
CENTRAL REGIONAL OFFICE
627 MAIN STREET, WORCESTER, MA 01608 508-792-7650

Date: 04/12/2013

Municipality ACTON

RE: **NOTIFICATION OF WETLANDS PROTECTION ACT FILE NUMBER**

The Department of Environmental Protection has received a Notice of Intent filed in accordance with the Wetlands Protection Act (M.G.L. c. 131, §40):

Applicant TANIA ELLIS 3 TIMERLANE Address RD,WINDHAM NH 03087 6 PARTRIDGE POND Locus RD , ACTON MA 01720	Owner Address
---	--------------------------

This project has been assigned the following file # : **CE 085-1120**
ISSUANCE OF A FILE NUMBER INDICATES ONLY COMPLETENESS OF
SUBMITTAL, NOT APPROVAL OF APPLICATION

Although a file # is being issued, please note the following:
NONE NOTED.

Regards,
for MassDEP,

(508)-767-2709
Joseph.Bellino@State.MA.US