



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 4A – Abbreviated Notice of
Resource Area Delineation
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

 MassDEP File Number

 Document Transaction Number

 Wrentham
 City/Town

A. General Information

1. Project Location (**Note:** electronic filers will click on button for GIS locator):

280 Berry Street
 a. Street Address

Wrentham
 b. City/Town

02093
 c. Zip Code

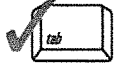
Latitude and Longitude:
 42.03138
 d. Latitude

71.33909
 e. Longitude

L-03
 f. Assessors Map/Plat Number

BI 1 Lot1
 g. Parcel /Lot Number

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



2. Applicant:

Eliot
 a. First Name

Jamgochian
 b. Last Name

 c. Organization

35 Vine Street
 d. Mailing Address

Wrentham
 e. City/Town

MA
 f. State

02093
 g. Zip Code

1-617-797-1902
 h. Phone Number

 i. Fax Number

 j. Email Address

3. Property owner (if different from applicant):

Check if more than one owner (attach additional sheet with names and contact information)

Same as Applicant
 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

Note: Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

4. Representative (if any):

Richard
 a. Contact Person First Name

Goodreau
 b. Contact Person Last Name

 c. Organization

850 Franklin Street Suite 11D
 d. Mailing Address

Wrentham
 e. City/Town

MA
 f. State

02093
 g. Zip Code

508-384-6560
 h. Phone Number

508-384-6566
 i. Fax Number

rick@uci850.com
 j. Email Address

Fees will be calculated for online users.

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

2,000
 a. Total Fee Paid

987.50
 b. State Fee Paid

1012.50
 c. City/Town Fee Paid



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City/Town

B. Area(s) Delineated

1. Bordering Vegetated Wetland (BVW) 3,527
Linear Feet of Boundary Delineated

2. Check all methods used to delineate the Bordering Vegetated Wetland (BVW) boundary:

- a. MassDEP BVW Field Data Form (attached)
- b. Other Methods for Determining the BVW boundary (attach documentation):
 - 1. 50% or more wetland indicator plants
 - 2. Saturated/inundated conditions exist
 - 3. Groundwater indicators
 - 4. Direct observation
 - 5. Hydric soil indicators
 - 6. Credible evidence of conditions prior to disturbance

3. Indicate any other resource area boundaries that are delineated:

<u>Bordering Vegetated Wetland</u>	<u>2,153</u>
a. Resource Area	b. Linear Feet Delineated
_____	_____
c. Resource Area	d. Linear Feet Delineated
_____	_____

C. Additional Information

Applicants must include the following plans with this Abbreviated Notice of Resource Area Delineation. 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. ANRAD (Delineation Plans only)
- 2. 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.)
- 3. Plans identifying the boundaries of the Bordering Vegetated Wetlands (BVW) (and/or other resource areas, if applicable).
- 4. List the titles and final revision dates for all plans and other materials submitted with this Abbreviated Notice of Resource Area Delineation.

D. Fees



**Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands**

**WPA Form 4A – Abbreviated Notice of
Resource Area Delineation**

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

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MassDEP File Number

Document Transaction Number

Wrentham
City/Town

The fees for work proposed under each Abbreviated Notice of Resource Area Delineation must be calculated and submitted to the Conservation Commission and the Department (see Instructions and Wetland Fee Transmittal Form).

- 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 the attached Wetland Fee Transmittal Form) to confirm fee payment:

1283	10/22/22
2. Municipal Check Number	3. Check date
1284	10/22/22
4. State Check Number	5. Check date
J&I Realty Group Inc.	
6. Payor name on check: First Name	7. Payor name on check: Last Name

E. Signatures

I certify under the penalties of perjury that the foregoing Abbreviated Notice of Resource Area Delineation and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I



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 Bureau of Resource Protection - Wetlands
WPA Form 4A – Abbreviated Notice of
Resource Area Delineation
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

 MassDEP File Number

 Document Transaction Number


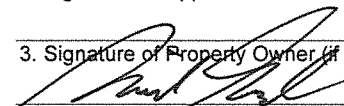
 Wrentham
 City/Town

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 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.

I hereby grant permission, to the Agent or member of the Conservation Commission and the Department of Environmental Protection, to enter and inspect the area subject to this Notice at reasonable hours to evaluate the wetland resource boundaries subject to this Notice, and to require the submittal of any data deemed necessary by the Conservation Commission or Department for that evaluation.

I acknowledge that failure to comply with these certification requirements is grounds for the Conservation Commission or the Department to take enforcement action.

	
1. Signature of Applicant	
	<u>10/21/22</u>
	2. Date
	
3. Signature of Property Owner (if different)	
	<u>10/21/22</u>
5. Signature of Representative (if any)	4. Date
	6. Date

For Conservation Commission:

Two copies of the completed Abbreviated Notice of Resource Area Delineation (Form 4A), including supporting plans and documents; two copies of the ANRAD Wetland Fee Transmittal Form; and the city/town fee payment must be sent to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

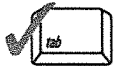
One copy of the completed Abbreviated Notice of Resource Area Delineation (Form 4A), including supporting plans and documents; one copy of the ANRAD Wetland Fee Transmittal Form; and a copy of the state fee payment must be sent to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery. (E-filers may submit these electronically.)

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
ANRAD 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:

280 Berry Street	Wrentham
a. Street Address	b. City/Town
987.50	1284
c. Fee amount	d. Check number

2. Applicant:

Eliot	Jamgochian	
a. First Name	b. Last Name	c. Company
169 Elysium Street		
d. Mailing Address		
Wrentham	MA	02093
e. City/Town	f. State	g. Zip Code
1-617-797-1902		
h. Phone Number		

3. Property Owner (if different):

_____	_____	_____
a. First Name	b. Last Name	c. Company

d. Mailing Address		
_____	_____	_____
e. City/Town	f. State	g. Zip Code

h. Phone Number		

B. Fees

The fee is calculated as follows for each Resource Area Delineation included in the ANRAD (check applicable project type). The maximum fee for each ANRAD, regardless of the number of Resource Area Delineations, is \$200 activities associated with a single-family house and \$2,000 for any other activity.

Bordering Vegetated Wetland Delineation Fee:

1. <input type="checkbox"/>	single family house project	_____	x \$2.00 =	_____	b. Fee for BVW
2. <input checked="" type="checkbox"/>	all other projects	2,153	2	2000.00	b. Fee for BVW
		_____	x \$2.00 =	_____	

Other Resource Area (e.g., bank, riverfront area, etc.):

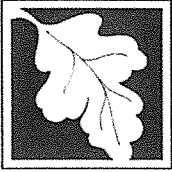
3. <input type="checkbox"/>	single family house project	_____	x \$2.00 =	_____	b. Fee
4. <input type="checkbox"/>	all other projects	_____	x \$2.00 =	_____	b. Fee

Total Fee for all Resource Areas: _____
 Fee

State share of filing fee: _____
 5. 1/2 of total fee less \$12.50

City/Town share of filing fee: _____
 6. 1/2 of total fee plus \$12.50

Online users: check box if fee exempt.



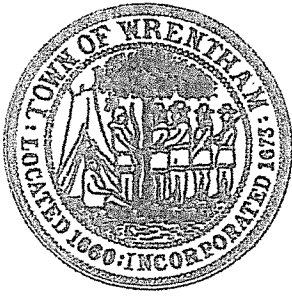
Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
ANRAD Wetland Fee Transmittal Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

C. Submittal Requirements

- a.) Send a copy of this form, with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts, to:

Department of Environmental Protection
Box 4062
Boston, MA 02211

- b.) **To the Conservation Commission:** Send the Abbreviated Notice of Resource Area Delineation; a **copy** of this form; and the city/town fee payment.
- c.) **To DEP Regional Office:** Send one copy of the Abbreviated Notice of Resource Area Delineation (and any additional documentation required as part of a Simplified Review Buffer Zone Project); a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)



Commonwealth of Massachusetts
Town of Wrentham
Board of Assessors

79 South Street, Wrentham, MA 02093

Phone: 508-384-5408

E-mail: Assessor@wrentham.ma.us

CERTIFIED ABUTTERS LIST

DATE: October 04th, 2022

LOCATION: 280 Berry Street

Map-Block-Parcel: L-03-1-1

OWNER: Eliot Jamgochian

BOOK-PAGE: 35420 - 78

FOR: Conservation Commission

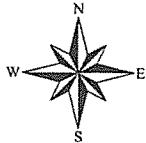
CONTACT: Joanne Raposo

PHONE/Email: 508-384-6560/ joanne@uci850.com

WRENTHAM BOARD OF ASSESSORS

Ann MacCarthy
Principal Assessor

AM:am
Enclosures



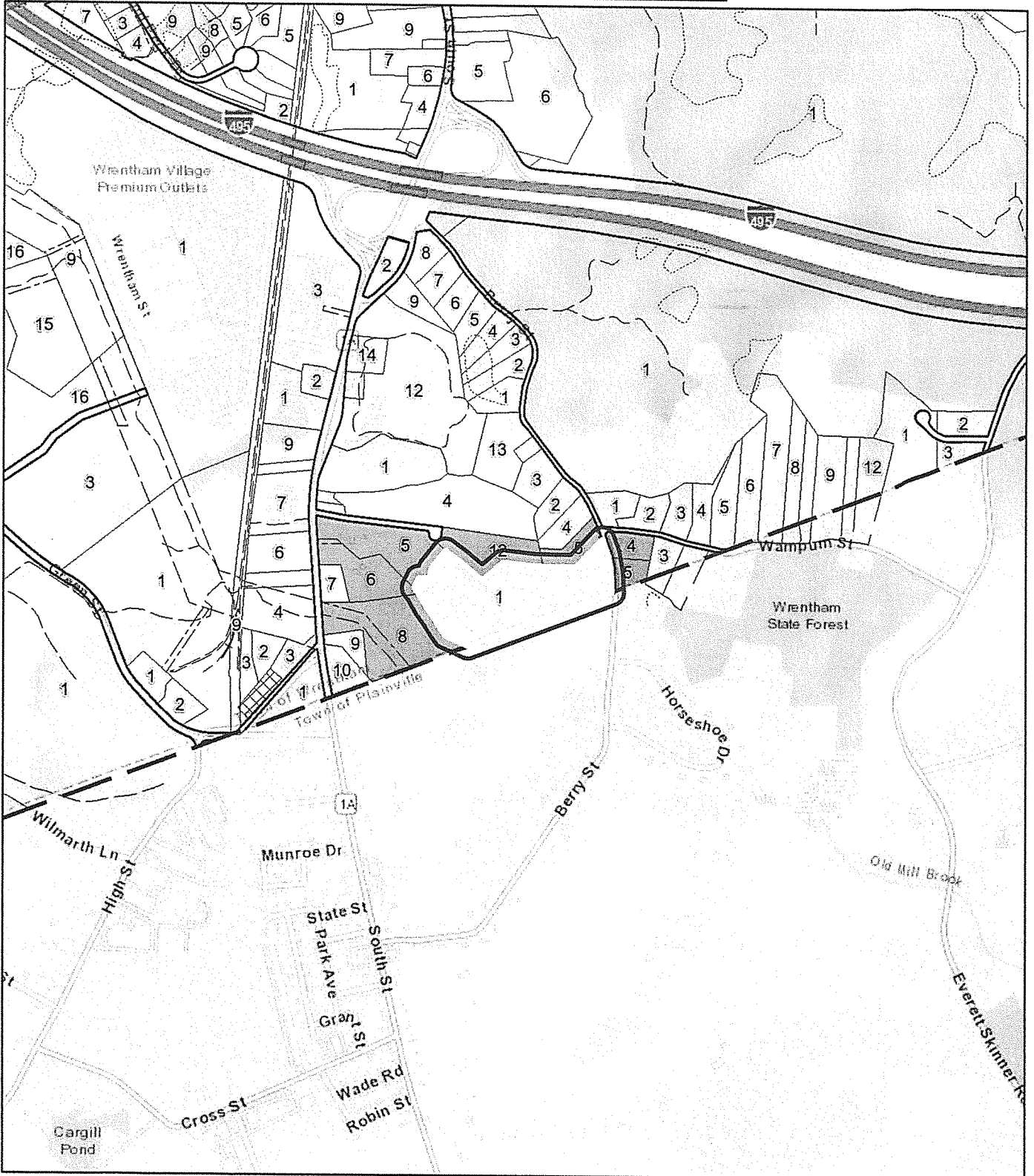
Wrentham, MA

1 inch = 1119 Feet



www.cai-tech.com

October 4, 2022



Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.



100 foot Abutters List Report

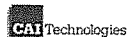
Wrentham, MA
October 04, 2022

Subject Property:

Parcel Number: L-03-1-1	Mailing Address: JAMGOCHIAN ELIOT A JAMGOCHIAN
CAMA Number: L-03-1-1	TRACY S
Property Address: 280 BERRY ST	169 ELYSIUM ST
	WRENTHAM, MA 02093

Abutters:

Parcel Number: K-03-2-12	Mailing Address: GALARNEAU, LINDSIE E GALARNEAU,
CAMA Number: K-03-2-12	LAURA M
Property Address: 1177 SOUTH ST	1177 SOUTH ST
	WRENTHAM, MA 02093
Parcel Number: K-03-2-5	Mailing Address: ROSE JOHN A TRUSTEE THE
CAMA Number: K-03-2-5	LOVELAND ROSE FAM REVOC TR
Property Address: 1179 SOUTH ST	1179 SOUTH ST
	WRENTHAM, MA 02093
Parcel Number: K-03-2-6	Mailing Address: THE SUSAN W LOWELL 2012 TRUST
CAMA Number: K-03-2-6	LOWELL SUSAN W. TR
Property Address: 1205 SOUTH ST	1205 SOUTH ST
	WRENTHAM, MA 02093
Parcel Number: K-03-2-8	Mailing Address: MATUSEK GREGORY MATUSZEK
CAMA Number: K-03-2-8	MALLORY
Property Address: 1227 SOUTH ST	1227 SOUTH ST
	WRENTHAM, MA 02093
Parcel Number: L-03-1-5	Mailing Address: BOOTHE, ALAN J
CAMA Number: L-03-1-5	220 BERRY ST
Property Address: 220 BERRY ST	WRENTHAM, MA 02093
Parcel Number: L-03-3-4	Mailing Address: ANDREWS GREGORY
CAMA Number: L-03-3-4	5 OLD MILL RD
Property Address: 88 WAMPUM ST	NORFOLK, MA 02056
Parcel Number: L-03-3-5	Mailing Address: LILJA, RONALD E & KIMBERY A
CAMA Number: L-03-3-5	TRUSTEES LILJA LIVING TRUST
Property Address: 275 BERRY ST	275 BERRY ST
	WRENTHAM, MA 02093



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10/4/2022

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ANDREWS GREGORY
5 OLD MILL RD
NORFOLK, MA 02056

BOOTHE, ALAN J
220 BERRY ST
WRENTHAM, MA 02093

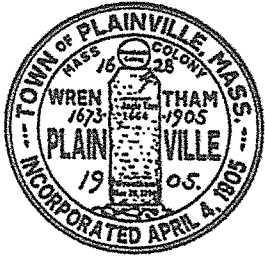
GALARNEAU, LINDSIE E
GALARNEAU, LAURA M
1177 SOUTH ST
WRENTHAM, MA 02093

LILJA, RONALD E & KIMBERY
LILJA LIVING TRUST
275 BERRY ST
WRENTHAM, MA 02093

MATUSEK GREGORY
MATUSZEK MALLORY
1227 SOUTH ST
WRENTHAM, MA 02093

ROSE JOHN A TRUSTEE
THE LOVELAND ROSE FAM REV
1179 SOUTH ST
WRENTHAM, MA 02093

THE SUSAN W LOWELL 2012 T
LOWELL SUSAN W. TR
1205 SOUTH ST
WRENTHAM, MA 02093



TOWN OF PLAINVILLE

Board of Assessors

190 South Street - P. O. Box 1717

Plainville, Massachusetts 02762

Telephone: 508-695-3142x430

Fax: 508-695-1319

Email: boa@plainville.ma.us

REQUEST FOR ABUTTERS LIST

(Allow 10 days for Final List)

Date of Request: 10-5-22 Email: Joanne@UCI850.com
 Requested by: Joanne Phone: 508-384-6560
 Signature: Joanne Raposo Fee: \$20 + \$1.00/abutter > 25
 Owner of Property: Eliot Jamgochian
 Street Address of Property: ✓ 54 Barry St
 Assessors' Map: ~~144~~ 5 Assessors' Parcel(s): ~~126~~

Check Type of List required

Board/Permit	✓	# of Labels	Required Abutter notification	Regulation
Planning Board – Subdivision		3	Direct Abutters incl. across streets or watercourses	PGC 540-53(3) & MGL Ch. 41 §81-T
Planning Board – Special Permit Zoning Board – Variance/Special Permit/Exceptions		4	Direct Abutters incl. across streets or watercourses, plus abutters to abutters within 300 ft. of site boundaries.	MGL Ch. 40A §11
Conservation Commission	✓	3	Direct Abutters incl. across streets and water bodies and all property owners within 300' of the property lines.	See 310 CMR 10.05(4) & PGC 900-5 (A & B)
Board of Health		3	Direct Abutters incl. across streets or watercourses	PGC §759-04
Board of Selectmen			See Selectman's Office for more details	
Other				

Notes:

1. The "most recent" abutters list is the one generated on Jan. 1 of each year. If a list is submitted from a prior year it will not be considered correct.
2. If abutters exist in an abutting town, a certified list & the correct number of labels must be submitted from that town also.
3. A separate list will be created for each box checked above, with a fee charged for each list. If you are submitting a list for multiple boards and want only one list, please just check the most expansive list and request the additional labels only. A fee may be charged for the additional labels.



300 foot Abutters List Report

Plainville, MA
October 11, 2022

WE HEREBY CERTIFY THAT THIS IS A
TRUE COPY OF THE ABUTTERS LIST FOR
ASSESSORS MAP 5 LOT 136
DATE 10-11-22

[Signature]

Subject Property:

Parcel Number: 5-126
CAMA Number: 5-126
Property Address: 54 BERRY ST

Mailing Address: **PLAINVILLE BOARD OF ASSESSORS**
JAMGOCHIAN, ELIOT A JAMGOCHIAN,
TRACY S
169 ELYSIUM ST
WRENTHAM, MA 02093

Abutters:

Parcel Number: 4-79
CAMA Number: 4-79
Property Address: 0R HORSESHOE DR

Mailing Address: SHWARTZMAN BORIS AND
SHWARTZMAN EVETTA
✓ 46 KNOB HILL STREET
SHARON, MA 02067

Parcel Number: 5-123
CAMA Number: 5-123
Property Address: 449-C SOUTH ST

Mailing Address: RING ROGER W
✓ 449C SOUTH
PLAINVILLE, MA 02762

Parcel Number: 5-126A
CAMA Number: 5-126A
Property Address: 42 BERRY ST

Mailing Address: MURRAY, DAVID AND MARTHA
✓ 42 BERRY ST
PLAINVILLE, MA 02762

Parcel Number: 5-126B
CAMA Number: 5-126B
Property Address: 40 BERRY ST

Mailing Address: GALLERANI, SCOTT
✓ 40 BERRY ST
PLAINVILLE, MA 02762

Parcel Number: 5-127
CAMA Number: 5-127
Property Address: 26 BERRY ST

Mailing Address: JONES MEGHAN JONES CHRISTOPHER
✓ J
26 BERRY ST
PLAINVILLE, MA 02762

Parcel Number: 5-130
CAMA Number: 5-130
Property Address: 439 C SOUTH ST

Mailing Address: WIDAK STANLEY WIDAK STATIA
✓ 439-C SOUTH ST
PLAINVILLE, MA 02762

Parcel Number: 5-158
CAMA Number: 5-158
Property Address: 47 BERRY ST

Mailing Address: KAVANAH MATTHEW J KAVANAH LINDA
✓ M
47 BERRY ST
PLAINVILLE, MA 02762

Parcel Number: 5-158A
CAMA Number: 5-158A
Property Address: 0 BERRY ST

Mailing Address: SHWARTZMAN BORIS AND
✓ SHWARTZMAN EVETTA
46 KNOB HILL STREET
SHARON, MA 02067

Parcel Number: 5-159
CAMA Number: 5-159
Property Address: 49 BERRY ST

Mailing Address: OREST REALTY COMPANY, LLC
✓ 742 WASHINGTON ST
CANTON, MA 02021

Parcel Number: 5-160
CAMA Number: 5-160
Property Address: 51 BERRY ST

Mailing Address: KENERSON ROBERT B III KENERSON
✓ MELISSA L
51 BERRY ST
PLAINVILLE, MA 02762



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10/11/2022

Page 1 of 2



300 foot Abutters List Report

Plainville, MA
October 11, 2022

WE HEREBY CERTIFY THAT THIS IS A
TRUE COPY OF THE ABUTTERS LIST FOR
ASSESSORS MAP 5 LOT 136
DATE 10-11-22

Parcel Number: 5-161A
CAMA Number: 5-161A
Property Address: REAR BERRY ST

Mailing Address: SKINNER SUSAN
92 WAMPUNSTE BOARD OF ASSESSORS
WRENTHAM, MA 02093

Parcel Number: 5-171
CAMA Number: 5-171
Property Address: 36 BERRY ST

Mailing Address: BRODKA REALTY TRUST
36 BERRY ST
PLAINVILLE, MA 02762

Parcel Number: 5-172
CAMA Number: 5-172
Property Address: 38 BERRY ST

Mailing Address: DOWNHILL JAMES DOWNHILL JOAN
38 BERRY ST
PLAINVILLE, MA 02762

Parcel Number: 5-173
CAMA Number: 5-173
Property Address: 32 BERRY ST

Mailing Address: MAKUTSIN STANISLAU
32 BERRY ST
PLAINVILLE, MA 02762

Parcel Number: 5-177
CAMA Number: 5-177
Property Address: 45 BERRY ST

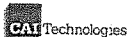
Mailing Address: SPARFVEN, RYAN M BING, JESSICA E
45 BERRY ST
PLAINVILLE, MA 02762

Parcel Number: 5-178
CAMA Number: 5-178
Property Address: 43 BERRY ST

Mailing Address: BURGESS ROSEMARY R BURGESS
STEVEN W
43 BERRY ST
PLAINVILLE, MA 02762

Parcel Number: 5-194
CAMA Number: 5-194
Property Address: 28 HORSESHOE DR

Mailing Address: PINSONEAULT, DENNIS J. AND LINDA M.
TRUSTEES OF THE DLP REAL ESTATE
TRUST
28 HORSESHOE DR
PLAINVILLE, MA 02762



www.cai-tech.com

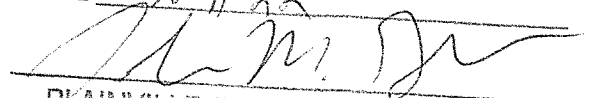
10/11/2022

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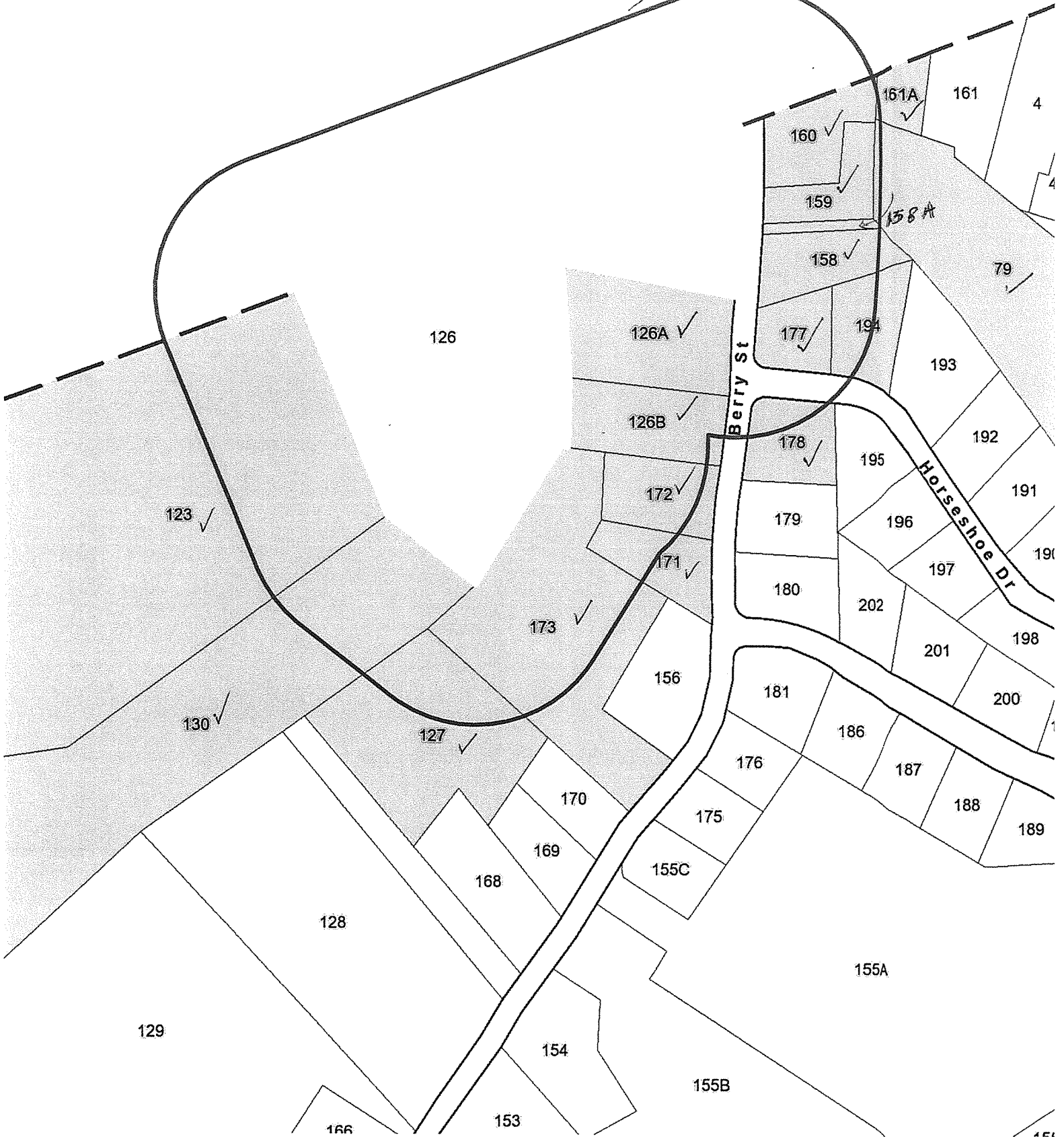
Page 2 of 2

5-126

WE HEREBY CERTIFY THAT THIS IS A
TRUE COPY OF THE ABUTTERS LIST FOR
ASSESSORS MAP 5 LOT 126
DATE 10-11-22


PLAINVILLE BOARD OF ASSESSORS

WRENTHAM



**NOTIFICATION TO ABUTTERS UNDER THE
MASSACHUSETTS WETLANDS PROTECTION ACT**

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:

Eliot Jamgochian

B. The applicant has filed an Abbreviated Notice of Resource Area Delineation with the Conservation Commission for the municipality of Wrentham in Norfolk County seeking permission to do work which could alter an Area Subject to protection Under the Wetlands Protection Act (General Laws Chapter 131, Section 40).

C. Project address/location:

280 Berry Street

D. Project description:

Wetland Resource Area - Review

E. Copies of the Abbreviated Notice of Resource Area Delineation may be examined at the Wrentham Conservation Commission web page <http://wrentham.ma.us/boards-committees/conservation-commission/applications-and-plans> .

F. Copies of the Abbreviated Notice of Resource Area Delineation may be obtained from either (check one) the applicant , or the applicant's representative , by calling this telephone number 508-384-6560 .

G. The public hearing has been scheduled for Thursday evening, November 17, 2022 . Meetings begin at 7:00 P.M.

Due to COVID-19 concerns and executive order of Gov. Baker, the Wrentham Town Hall is closed to public meetings further notice. For all those wishing to participate or provide comments this will be a Virtual Meeting using Zoom as permitted by the Governor's 3/10/2020 Emergency Order to Suspend Certain Provisions of the Open Meeting Law and can be accessed by the following:

www.zoom.us/join,
Webinar ID: 825 5575 7379 , Password: _____
or by calling: 1 646 558 8656 , ID: 825 5575 7379

All information for application review, meeting agenda, or meeting attendance can be viewed at <http://wrentham.ma.us/boards-committees/conservation-commission/applications-and-plans>.

Any further questions can be sent to concom@wrentham.ma.us

NOTE: Abutters must be notified 10 days in advance of the opening of the public hearing. Notification can be made by Certified Mail or by Hand Delivery. Abutters lists may be obtained from the Assessors Office.

NOTE: Notice of the public hearing, including its date, time, and place, will be published at least 5 (five) days in advance in The Sun Chronicle newspaper.

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

NOTE: You 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 **DEP** call: **Southeast Region at 508-946-2800.**

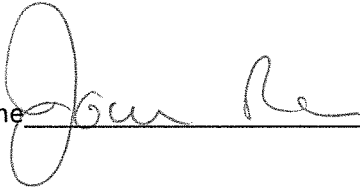
AFFIDAVIT OF SERVICE

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

I, Joanne Raposo, hereby certify under the pains and penalties of perjury that on _____ 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 9, 1994, in connection with the following matter:

A Notice of Intent filed under the Massachusetts Wetlands Protection Act
by Eliot Jamgochian
with the Town of Wrentham Conservation Commission on October 26, 2022 for Property
located at 280 Berry Street.

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  Date 10/26/22

J & I REALTY GROUP INC
30 FRANKLIN ST
WRENTHAM, MA 02093

1283
53-447/113
480

10/22/22 Date

CHECK ARMOR

Pay to the Order of Town of Wrentham \$ 1012.50

ONE Thousand twelve dollars 50/100 Dollars

Photo Safe Deposit Details on back

ROCKLAND TRUST

For _____  MP

⑆011304478⑆ 2480004155⑈ 1283

J & I REALTY GROUP INC
30 FRANKLIN ST
WRENTHAM, MA 02093

1284
53-447/113
480

10/22/22 Date

CHECK ARMOR

Pay to the Order of COMM OF MASS \$ 987.50

Nine hundred Eighty seven 50/100 Dollars

Photo Safe Deposit Details on back

ROCKLAND TRUST

For _____  MP

⑆011304478⑆ 2480004155⑈ 1284

J & I REALTY GROUP INC
30 FRANKLIN ST
WRENTHAM, MA 02093

1285
53-447/113
480

10/22/22 Date

CHECK ARMOR

Pay to the Order of Town of Wrentham \$ 500.00

FIVE hundred Dollars

Photo Safe Deposit Details on back

ROCKLAND TRUST

For _____  MP

⑆011304478⑆ 2480004155⑈ 1285



Site Evaluation & Wetland Delineation

June 30, 2021

**Assessor's Lot 280/54
Wrentham/Plainville, Massachusetts**

Prepared for

**United Consultants, Inc.
850 Franklin Street
Wrentham, MA 02093**

Prepared by

Applied Ecological Sciences

P.O. Box 184
Norfolk, MA 02056
(508) 528-2866
(508) 740-0438 cell
email: rwaldron@earthlink.net

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**Site Evaluation and Wetland Delineation
Assessor's Lot 280/54
Wrentham/Plainville, Massachusetts**

Introduction

A site evaluation was conducted at the above referenced property on June 14 and 22, 2021. Wetland resource areas protectable under the *Massachusetts Wetlands Protection Act* (M.G.L. c. 131, s. 40), the implementing *Regulations* (310 CMR 10.00), the Town of Wrentham *General Bylaw for Wetland Protection* (Article 7.31), and *Regulations of the Town of Wrentham Conservation Commission*, and the Town of Plainville *Wetlands Protection Bylaw* (Chapter 472), and *Regulations* were identified and characterized. The upland/wetland boundary to Bordering Vegetated Wetland (BVW) and Isolated Vegetated Wetland (IVW) as well as the top of Inland Bank to an un-mapped stream was delineated in the field with red flagging tape. Resulting data describing the floristic, edaphic, and topographic characteristics of the property has been utilized in the preparation of this *Site Evaluation Report*. The following narrative provides a general site description, wetland delineation methodology, and wetland resource descriptions.

General Site Description

The subject property encompasses two adjoining forested lots located westerly of Berry Street in Wrentham and Plainville, Massachusetts. Topography of the site is moderately rolling. Field stone walls traverse both properties in multiple directions. Residential development abuts the site to the north, south, and west.

Forested Upland Description

A moderately dense canopy of Northern Red Oak (*Quercus rubra*), White Oak (*Quercus alba*), Red Maple (*Acer rubrum*), Eastern White Pine (*Pinus strobus*), Shagbark Hickory (*Carya ovata*), Black Cherry (*Prunus serotina*), White Ash (*Fraxinus americana*), Sassafras (*Sassafras albidum*), and American Beech (*Fagus grandifolia*) dominates vegetation within the forested uplands. The woody understory consists of saplings from the canopy, Eastern Burning Bush (*Euonymus atropurpureus*), Poison Ivy (*Toxicodendron radicans*), Fox Grape (*Vitis labrusca*), Common Buckthorn (*Rhamnus cathartica*), Common Greenbrier (*Smilax rotundifolia*), Witch-hazel (*Hamamelis virginiana*), Glossy Buckthorn (*Frangula alnus*), Tatarian Honeysuckle (*Lonicera tatarica*), Highbush Blueberry (*Vaccinium corymbosum*), Black Huckleberry (*Gaylussacia baccata*), Late Lowbush Blueberry (*Vaccinium angustifolium*), Beaked Hazelnut (*Corylus cornuta*), Maple Leaf Viburnum (*Viburnum acerifolium*), and Sweet Pepperbush (*Clethra alnifolia*). Ground cover species include seedlings from the canopy and understory, Tree Clubmoss (*Lycopodium obscurum*), Hay-Scented Fern (*Dennstaedtia punctilobula*), Cinnamon Fern (*Osmunda cinnamomea*), New York fern (*Thelypteris noveboracensis*), Virginia Creeper (*Parthenocissus quinquefolia*), Solomon's Seal (*Polygonatum* spp.), Pennsylvania Sedge (*Carex pensylvanica*), Hay-Scented

Fern (*Dennstaedtia punctilobula*), Early Lowbush Blueberry (*Vaccinium vacillans*), Dewberry (*Rubus* spp.), Sessile-Leaved Bellwort (*Uvularia sessilifolia*), Canada Mayflower (*Maianthemum canadense*), starflower (*Trientalis borealis*), Wild Sarsaparilla (*Aralia nudicaulis*), and Tree Clubmoss (*Lycopodium obscurum*).

Soils

Soils underlying the site consist of well-drained Charlton-Hollis-Rock outcrop complex (ChC, 103C), 8% to 15% slopes (USDA SCS 1989, Map #40, www.nesoil.com).

Wetland Delineation Methodology

The extent of vegetated wetland was determined through observations of the existing plant communities. Evidence of surface hydrology was determined through visual inspection of existing site conditions including typical indicators such as water marks, drift-lines, water-stained leaves, sediment deposits, and drainage patterns.

Wetland Resource Description

Wetland Resources associated with the site include Isolated Vegetated Wetland (IVW), Bordering Vegetated Wetland (BVW), and Inland Bank.

IVW #1

IVW #1 is located in the northeastern corner of the site. Topography within the wetland is generally flat with distinct leaf staining and surface water evident throughout. A moderately dense canopy of Red Maple and Slippery Elm (*Ulmus rubra*) with scattered individuals of Swamp White Oak (*Quercus bicolor*) dominates vegetation within the IVW #1. The woody understory is comprised of saplings from the canopy, Poison Ivy, Common Greenbrier, Riverbank Grape (*Vitis riparia*), Glossy Buckthorn, Silky Dogwood (*Cornus amomum*), and Buttonbush (*Cephalanthus occidentalis*). Ground cover species include seedlings from the canopy and understory, Cinnamon Fern, Sensitive Fern (*Onoclea sensibilis*), New York Fern, Sphagnum Moss (*Sphagnum* sp.), Skunk Cabbage (*Symplocarpus foetidus*), various sedges (*Carex* sp.), and Jewelweed (*Impatiens capensis*).

The upland/wetland boundary to IVW #1 is delineated in the field with AES flagging stations #1 through #15.

IVW #2

IVW #2 is located westerly of IVW #1 in what appears to be an old borrow pit. Topography within the wetland is generally flat with distinct leaf staining and watermarks on trees and

shrubs evident throughout. A moderately dense canopy of Red Maple, Green Ash (*Fraxinus pensylvanica*), Slippery Elm, Gray Birch (*Betula populifolia*), Black Gum (*Nyssa sylvatica*), and Swamp White Oak dominates vegetation within IVW #2. The woody understory is comprised of saplings from the canopy, Glossy Buckthorn, Riverbank Grape, and Highbush Blueberry. Ground cover species include seedlings from the canopy and understory, Royal Fern (*Osmunda regalis*), Sensitive Fern, and New York Fern.

The upland/wetland boundary to IVW #2 is delineated in the field with AES flagging stations #16 through #31.

IVW #3

IVW #3 is located between IVW#1 and #2. Topography within IVW #3 is generally flat with distinct leaf staining evident throughout. A moderately dense canopy of Red Maple, Slippery Elm, and Green Ash, dominates vegetation within IVW #3. The woody understory is comprised of saplings from the canopy, Winterberry (*Ilex verticillata*), Common Greenbrier, Riverbank Grape, and Poison Ivy. Ground cover species include seedlings from the canopy and understory, New York Fern, Cinnamon Fern, and Swamp Dewberry (*Rubus hispida*).

The upland/wetland boundary to IVW #3 is delineated in the field with AES flagging stations #32 through #37.

BVW #1

BVW #1 is located in the east-central portion of the site. Topography within the BVW #1 is generally flat with distinct pit and mound micro-topography, drainage patterns, leaf staining, and surface water evident throughout. A moderately dense canopy of Red Maple, Slippery Elm, Green Ash, and Black Gum dominates vegetation within the wetland. The woody understory is comprised of saplings from the canopy, Glossy Buckthorn, Winterberry, Southern Arrowwood (*Viburnum dentatum*), Pussy Willow (*Salix discolor*), Highbush Blueberry, Sweet Pepperbush, and Spicebush (*Lindera benzoin*). Ground cover species include seedlings from the canopy and understory, Royal Fern, New York Fern, and Cinnamon Fern.

Inland Bank

A small un-mapped stream outflows BVW #1 and continues under Berry Street. A well-defined channel approximately two to six feet wide and six to twelve inches deep with a mud/sand streambed characterizes the stream. The Inland Bank is approximately six to twelve inches high and vegetated with wetland and upland plant species.

The upland/wetland boundary to BVW #1 and/or the top of Inland Bank to the subject stream is delineated in the field with AES flagging stations #38 through #151.

BVW #2

BVW #2 is located within or adjacent to the northwestern portion of the site. Topography within the wetland is generally flat with distinct pit and mound micro-topography, drainage patterns, leaf staining, and surface water evident throughout. A moderately dense canopy of Swamp White Oak, Red Maple, Slippery Elm, Green Ash, and Black Gum dominates vegetation within BVW #2. The woody understory is comprised of saplings from the canopy, Sweet Pepperbush, Highbush Blueberry, Winterberry, Silky Dogwood, and Common Greenbrier. Ground cover species include seedlings from the canopy and understory, Cinnamon Fern, Sensitive Fern, Royal Fern, New York Fern, Massachusetts Fern (*Thelypteris simulata*), Skunk Cabbage, Sphagnum Moss, and Jewelweed.

The upland/wetland boundary to BVW #2 is delineated in the field with AES flagging stations #152 through #.....

IVW #4

IVW #4 is located within or adjacent to the northwestern portion of the site. Topography within the IVW #4 is generally flat with distinct pit and mound micro-topography, leaf staining, and surface water evident throughout. A moderately dense canopy of Red Maple, Slippery Elm, and Black Gum dominates vegetation within the wetland. The woody understory is comprised of saplings from the canopy, Sweet Pepperbush, Highbush Blueberry, Winterberry, Southern Arrowwood, Silky Dogwood, Swamp Azalea (*Rhododendron viscosum*), Common Greenbrier, and Riverbank Grape. Ground cover species include seedlings from the canopy and understory, Cinnamon Fern, Sensitive Fern, Royal Fern, Skunk Cabbage, Sphagnum Moss, and Jewelweed.

The upland/wetland boundary to IVW #4 is delineated in the field with AES flagging stations #..... through #192.

FEMA Floodplain Designation

Based on the Federal Emergency Management Agency Flood Insurance Rate Map for the town of Wrentham and Plainville, Massachusetts (Map No. 25021C0337E & Map No. 25021C0339F), the site is located within Zone X (non-shaded), *Areas determined to be outside the 0.2% annual chance floodplain.*

NHESP Estimated & Priority Habitat

According to the *Massachusetts Natural Heritage and Endangered Species Program* habitat map, the site is not located within an Estimated Habitat of Rare Wildlife or a Priority Habitat of Rare Species however IVW #1 is designated as certified vernal pool habitat. Additionally, the open water portion of BVW #1 and IVW #4 are designated as potential vernal pool habitat.

Water Supply Protection Area

Based upon the Massachusetts Geographic Systems *Water Supply Protection Map*, the site is located within a Zone II recharge area to a ground water aquifer but not within an Interim Wellhead Protection Area (IWPA).

Outstanding Resource Water (ORW)

According to the Massachusetts Geographic Information Systems *Outstanding Resource Waters Map*, the site is located within a contributing watershed to an ORW.

Buffer Zone

Buffer Zone, as defined at 310 CMR 10.04, means:

The area of land extending 100 feet horizontally outward from the boundary of any area specified in 310 CMR 10.02(1)(a).

Under Section 11.1 of the Town of Wrentham Con Com Regulations, Jurisdictional Authority:

Authority to implement additional restrictive regulations within land within 50 feet of a regulated wetland resource area is provided in Section 8 of the WPB as follows:

The Commission therefore will require that the applicant maintain a fifty-foot wide continuous strip of undisturbed vegetative cover within the 200-foot [or 100-foot] area. A variance to this criteria may be granted under three circumstances: 1) if the applicant demonstrates that the proposed project will have no adverse effect on any of the interests protected by this bylaw; 2) if the project is a rare or unusual case; and 3) if the project is not approved by the Commission this action will restrict the use of the property to such an extent to constitute a constitutional taking without compensation. If no evidence is supplied to support the claims that the project meets the specified criteria above the hearing will be delayed or continued until this information is provided, or the project request will be denied without prejudice.

To prevent wetlands loss, the Commission shall require applicants to avoid wetlands alteration wherever feasible, to minimize wetlands alteration, and where alteration is unavoidable, to incorporate mitigation measures into the project design.

The eastern and western portions of the site are contained within the regulatory Buffer Zones.

References

Federal Emergency Management Agency (FEMA) Map Service Center, www.fema.gov.

Massachusetts Geographic Systems (MAGIS), www.mass.gov/mgis.

Natural Resources Conservation Service, www.nsoil.com, websoilsurvey.nrcs.usda.gov.

United States Department of Agriculture, Soil Conservation Service, 1989. *Soil Survey of Norfolk and Suffolk Counties, Massachusetts*.

Appendix A
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: Applied Ecological Sciences (AES) Project location: Assess. Lot 280/54 Berry St., Wrentham/Plainville 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)
- DP-1 @ AES #12 - #13**

Section I. **Vegetation** Observation Plot Number: **DP-1 UPL** Transect Number: **1** Date of Delineation: **6/14/2021**

A. Sample Layer and Plant Species (by common/scientific name)	B. Percent Cover (or dominance ratio)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category
Trees				
Red Maple (<i>Acer rubrum</i>)	38.0	38%	yes	FAC*
Eastern White Pine (<i>Pinus strobus</i>)	20.5	21%	yes	FACU
Shagbark Hickory (<i>Carya ovata</i>)	20.5	21%	yes	FACU-
White Ash (<i>Fraxinus americana</i>)	20.5	21%	yes	FACU
TOTAL COVER = 99.5				
Woody Vines:				
Common Greenbrier (<i>Smilax rotundifolia</i>)	63.0	100%	yes	FAC*
TOTAL COVER = 63.0				
Saplings				
Absent	0.0			
TOTAL COVER = 0.0				
Shrubs				
Eastern White Pine (<i>Pinus strobus</i>)	63.0	93%	yes	FACU
White Oak (<i>Quercus alba</i>)	5.0	7%	no	FACU
TOTAL COVER = 68.0				
Ground Cover				
Sessile-leaf Bellwort (<i>Uvularia sessilifolia</i>)	38.0	17%	yes	FACU-
Canada Mayflower (<i>Maianthemum canadense</i>)	63.0	28%	yes	FAC-
Smooth Solomon's Seal (<i>Polygonatum biflorum</i>)	63.0	28%	yes	FACU
Dewberry spp. (<i>Rubus</i> spp.)	63.0	28%	yes	NA
TOTAL COVER = 227.0				

Vegetation conclusion:
 Number of dominant wetland indicator plants: **2** Number of dominant non-wetland indicator plants: **7**
 Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? **No** ***Note: Isolated Vegetated Wetland.**

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

Applicant: _____ Prepared by: Applied Ecological Sciences (AES) Project location: Berry St. Wrentham/Plainville Assess. Lot 280/54 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)

DP-2 @ AES #12 - #13

Section I. Vegetation	Observation Plot Number:	DP-2 WET	Transect Number:	1	Date of Delineation:	6/14/2021
A. Sample Layer and Plant Species (by common/scientific name)	B. Percent Cover (or dominance ratio)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category		
<u>Trees</u>						
Red Maple (<i>Acer rubrum</i>)	63.0	61%	yes	FAC*		
White Ash (<i>Fraxinus americana</i>)	20.5	20%	yes	FACU		
Swamp White Oak (<i>Quercus bicolor</i>)	20.5	20%	yes	FACW+*		
TOTAL COVER = 104.0						
<u>Woody Vines:</u>						
Riverbank Grape (<i>Vitis riparia</i>)	10.5	100%	yes	FACW*		
TOTAL COVER = 10.5						
<u>Saplings</u>						
Absent	0.0					
<u>Shrubs</u>						
Winterberry (<i>Ilex verticillata</i>)	63.0	100%	yes	FACW+*		
TOTAL COVER = 63.0						
<u>Ground Cover</u>						
New York Fern (<i>Thelypteris noveboracensis</i>)	38.0	100%	yes	FAC*		
TOTAL COVER = 38.0						

Vegetation conclusion:
 Number of dominant wetland indicator plants: 5 Number of dominant non-wetland indicator plants: 1
 Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? Yes

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

Applicant: _____ Prepared by: Applied Ecological Sciences (AES) Project location: Berry St., Wrentham/Plainville 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)

DP-3 @ AES #108

Section I. Vegetation Observation Plot Number: DP-3 WET Transect Number: 2 Date of Delineation: 6/22/2021

A. Sample Layer and Plant Species (by common/scientific name)	B. Percent Cover (or dominance ratio)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category
Trees				
Northern Red Oak (<i>Quercus rubra</i>)	20.5	49%	yes	FACU-
Eastern White Pine (<i>Pinus strobus</i>)	10.5	25%	yes	FACU
White Oak (<i>Quercus alba</i>)	10.5	25%	yes	FACU
TOTAL COVER = 41.5				
Woody Vines:				
Absent				
Saplings				
Slippery Elm (<i>Ulmus rubra</i>)	38.0	100%	yes	FACW-*
TOTAL COVER = 38.0				
Shrubs				
Sweet Pepperbush (<i>Clethra alnifolia</i>)	63.0	75%	yes	FAC+*
Highbush Blueberry (<i>Vaccinium corymbosum</i>)	20.5	25%	yes	FACW-*
TOTAL COVER = 83.5				
Ground Cover				
Cinnamon Fern (<i>Osmunda cinamomea</i>)	63.0	33%	yes	FACW*
New York Fern (<i>Thelypteris noveboracensis</i>)	63.0	33%	yes	FAC*
Sweet Pepperbush (<i>Clethra alnifolia</i>)	63.0	33%	yes	FAC*
TOTAL COVER = 189.0				

Vegetation conclusion:

Number of dominant wetland indicator plants: 6 Number of dominant non-wetland indicator plants: 3

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

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

Applicant: _____ Prepared by: Applied Ecological Sciences (AES) Project location: Assess. Lot 280/54 Berry St, Wrentham/Plainville 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)

DP-4 @ AES #108

Section I. Vegetation Observation Plot Number: DP-4 UPL Transect Number: 2 Date of Delineation: 6/22/2021

A. Sample Layer and Plant Species (by common/scientific name)	B. Percent Cover (or dominance ratio)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category
Trees				
Eastern White Pine (<i>Pinus strobus</i>)	38.0	48%	yes	FACU
White Oak (<i>Quercus alba</i>)	20.5	26%	yes	FACU
Red Maple (<i>Acer rubrum</i>)	20.5	26%	yes	FAC*
TOTAL COVER = 79.0				
Woody Vines:				
Absent				
Saplings				
Witch-Hazel (<i>Hamamelis virginiana</i>)	63.0	100%	yes	FAC-
TOTAL COVER = 63.0				
Shrubs				
Beaked Hazelnut (<i>Corylus cornuta</i>)	63.0	62%	yes	FACU
Sweet Pepperbush (<i>Clethra alnifolia</i>)	38.0	38%	yes	FAC*
TOTAL COVER = 101.0				
Ground Cover				
Tree Clubmoss (<i>Lycopodium obscurum</i>)	63.0	50%	yes	FACU
Wild Sarsaparilla (<i>Aralia nudicaulis</i>)	63.0	50%	yes	FACU
TOTAL COVER = 126.0				

Vegetation conclusion:

Number of dominant wetland indicator plants: 2 Number of dominant non-wetland indicator plants: 6

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

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

Applicant: _____ Prepared by: Applied Ecological Sciences (AES) Project location: Assess. Lot 280/54 Berry St. Wrentham/Plainville 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)
- DP-5 @ AES #178

Section I. Vegetation	Observation Plot Number: DP-5 UPL	Transect Number: 3	Date of Delineation: 6/22/2021
A. Sample Layer and Plant Species (by common/scientific name)	B. Percent Cover (or dominance ratio)	C. Percent Dominance	E. Wetland Indicator Category
Trees			
Northern Red Oak (<i>Quercus rubra</i>)	63.0	55%	yes FACU-
Eastern White Pine (<i>Pinus strobus</i>)	20.5	18%	no FACU
Sassafras (<i>Sassafras albidum</i>)	10.5	9%	no FACU
Black Gum (<i>Nyssa sylvatica</i>)	20.5	18%	no
TOTAL COVER = 114.5			
Woody Vines:			
Absent	TOTAL COVER = 0.0		
Saplings			
Eastern White Pine (<i>Pinus strobus</i>)	63.0	62%	yes FACU
Sassafras (<i>Sassafras albidum</i>)	38.0	38%	yes FACU
TOTAL COVER = 101.0			
Shrubs			
Black Huckleberry (<i>Gaylussacia baccata</i>)	63.0	59%	yes FACU
Sweet Pepperbush (<i>Clethra alnifolia</i>)	38.0	36%	yes FAC+*
Highbush Blueberry (<i>Vaccinium corymbosum</i>)	5.0	5%	no FACW-*
TOTAL COVER = 106.0			
Ground Cover			
Early Lowbush Blueberry (<i>Vaccinium angustifolium</i>)	63.0	32%	yes FACU-
Sessile-leaf Bellwort (<i>Uvularia sessilifolia</i>)	63.0	32%	yes FACU
Sassafras (<i>Sassafras albidum</i>)	10.5	5%	no FACU
Sweet Pepperbush (<i>Clethra alnifolia</i>)	63.0	32%	yes FAC+*
TOTAL COVER = 199.5			

Vegetation conclusion:
 Number of dominant wetland indicator plants: **2** Number of dominant non-wetland indicator plants: **8**
 Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? **No** *Note: Isolated Vegetated Wetland.

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

Applicant: _____ Prepared by: Applied Ecological Sciences (AES) Project location: Berry St. Wrentham/Plainville Assess. Lot 280/54 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)

DP-6 @ AES #178

Section I. Vegetation Observation Plot Number: DP-6 WET Transect Number: 3 Date of Delineation: 6/22/2021

A. Sample Layer and Plant Species (by common/scientific name)	B. Percent Cover (or dominance ratio)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category
Trees				
Northern Red Oak (<i>Quercus rubra</i>)	10.5	25%	yes	FACU-
Eastern White Pine (<i>Pinus strobus</i>)	10.5	25%	yes	FACU
Black Gum (<i>Nyssa sylvatica</i>)	20.5	49%	yes	FAC*
TOTAL COVER = 41.5				
TOTAL COVER = 0.0				
TOTAL COVER = 0.0				
Shrubs				
Sweet Pepperbush (<i>Clethra alnifolia</i>)	63.0	100%	yes	FAC+*
TOTAL COVER = 63.0				
Ground Cover				
Sweet Pepperbush (<i>Clethra alnifolia</i>)	63.0	100%	yes	FAC+*
TOTAL COVER = 63.0				

Vegetation conclusion:
 Number of dominant wetland indicator plants: **3** Number of dominant non-wetland indicator plants: **2**
 Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? **Yes** ***Note: Isolated Vegetated Wetland.**

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

Applicant: _____ Prepared by: Applied Ecological Sciences (AES) Project location: Berry St, Wrentham/Plainville DEP File #: _____
Assess. Lot 280/54

- 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)
- DP-7 @ AES #160**

Section I. Vegetation Observation Plot Number: DP-7 WET Transect Number: 4 Date of Delineation: 6/22/2021

A. Sample Layer and Plant Species (by common/scientific name)	B. Percent Cover (or dominance ratio)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category
Trees				
Northern Red Oak (<i>Quercus rubra</i>)	38.0	32%	yes	FACU-
White Oak (<i>Quercus alba</i>)	20.5	17%	yes	FACU
Green Ash (<i>Fraxinus pennsylvanica</i>)	20.5	17%	yes	FACW*
Eastern White Pine (<i>Pinus strobus</i>)	20.5	17%	yes	FACU
Red Maple (<i>Acer rubrum</i>)	20.5	17%	yes	FAC*
Woody Vines:				
Common Greenbrier (<i>Smilax rotundifolia</i>)	63.0	100%	yes	FAC*
Saplings				
Witch-Hazel (<i>Hamamelis virginiana</i>)	38.0	100%	yes	FAC-
Shrubs				
Sweet Pepperbush (<i>Clethra alnifolia</i>)	63.0	62%	yes	FAC+
Highbush Blueberry (<i>Vaccinium corymbosum</i>)	38.0	38%	yes	FACW-*
Ground Cover				
Sweet Pepperbush (<i>Clethra alnifolia</i>)	63.0	100%	yes	FAC+
TOTAL COVER = 120.0				
TOTAL COVER = 63.0				
TOTAL COVER = 38.0				
TOTAL COVER = 101.0				
TOTAL COVER = 63.0				

Vegetation conclusion:
 Number of dominant wetland indicator plants: **7** Number of dominant non-wetland indicator plants: **3**
 Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? **Yes**

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

Applicant: _____ Prepared by: Applied Ecological Sciences (AES) Project location: Berry St, Wrentham/Plainville 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)

DP-8 @ AES #160

Section I. Vegetation Observation Plot Number: DP-8 UPL Transect Number: 4 Date of Delineation: 6/22/2021

A. Sample Layer and Plant Species (by common/scientific name)	B. Percent Cover (or dominance ratio)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category
Trees				
Northern Red Oak (<i>Quercus rubra</i>)	63.0	61%	yes	FACU-
White Oak (<i>Quercus alba</i>)	20.5	20%	yes	FACU
Eastern White Pine (<i>Pinus strobus</i>)	20.5	20%	yes	FACU
TOTAL COVER = 104.0				
Woody Vines:				
Common Greenbrier (<i>Smilax rotundifolia</i>)	63.0	100%	yes	FAC*
TOTAL COVER = 63.0				
Saplings				
Witch-Hazel (<i>Hamamelis virginiana</i>)	63.0	100%	yes	FAC-
TOTAL COVER = 63.0				
Shrubs				
Black Huckleberry (<i>Gaylussacia baccata</i>)	63.0	50%	yes	FACU
Sweet Pepperbush (<i>Clethra alnifolia</i>)	63.0	50%	yes	FAC+*
TOTAL COVER = 126.0				
Ground Cover				
Wild Sarsaparilla (<i>Aralia nudicaulis</i>)	63.0	45%	yes	FACU
Sweet Pepperbush (<i>Clethra alnifolia</i>)	38.0	27%	yes	FAC+*
Chinese Chestnut (<i>Castanea mollissima</i>)	38.0	27%	yes	NA
TOTAL COVER = 139.0				

Vegetation conclusion:
 Number of dominant wetland indicator plants: **3** Number of dominant non-wetland indicator plants: **6**
 Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? **No**

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

Applicant: _____ Prepared by: Applied Ecological Sciences (AES) Project location: Berry St. Wrentham/Plainville 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)

DP-9 @ AES #33

Section I. Vegetation	Observation Plot Number:	DP-9 UPL	Transect Number:	5	Date of Delineation:																																																																																																																		
<p>A. Sample Layer and Plant Species (by common/scientific name)</p> <p><u>Trees</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Eastern White Pine (<i>Pinus strobus</i>)</td> <td style="width: 15%;">63.0</td> <td style="width: 15%;">48%</td> <td style="width: 15%;">yes</td> <td style="width: 5%;"></td> <td style="width: 20%;">FACU</td> </tr> <tr> <td>Shagbark Hickory (<i>Carya ovata</i>)</td> <td>38.0</td> <td>29%</td> <td>yes</td> <td></td> <td>FACU-</td> </tr> <tr> <td>Red Maple (<i>Acer rubrum</i>)</td> <td>20.5</td> <td>16%</td> <td>no</td> <td></td> <td>FAC*</td> </tr> <tr> <td>Flowering Dogwood (<i>Cornus florida</i>)</td> <td>10.5</td> <td>8%</td> <td>no</td> <td></td> <td>FACU-</td> </tr> <tr> <td colspan="6" style="text-align: right;">TOTAL COVER = 132.0</td> </tr> </table> <p><u>Woody Vines:</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Common Greenbrier (<i>Smilax rotundifolia</i>)</td> <td style="width: 15%;">63.0</td> <td style="width: 15%;">100%</td> <td style="width: 15%;">yes</td> <td style="width: 5%;"></td> <td style="width: 20%;">FAC*</td> </tr> <tr> <td colspan="6" style="text-align: right;">TOTAL COVER = 63.0</td> </tr> </table> <p><u>Saplings</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Red Maple (<i>Acer rubrum</i>)</td> <td style="width: 15%;">63.0</td> <td style="width: 15%;">75%</td> <td style="width: 15%;">yes</td> <td style="width: 5%;"></td> <td style="width: 20%;">FAC*</td> </tr> <tr> <td>Eastern White Pine (<i>Pinus strobus</i>)</td> <td>20.5</td> <td>25%</td> <td>yes</td> <td></td> <td>FACU</td> </tr> <tr> <td colspan="6" style="text-align: right;">TOTAL COVER = 83.5</td> </tr> </table> <p><u>Shrubs</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Eastern White Pine (<i>Pinus strobus</i>)</td> <td style="width: 15%;">63.0</td> <td style="width: 15%;">60%</td> <td style="width: 15%;">yes</td> <td style="width: 5%;"></td> <td style="width: 20%;">FACU</td> </tr> <tr> <td>White Oak (<i>Quercus alba</i>)</td> <td>20.5</td> <td>20%</td> <td>yes</td> <td></td> <td>FACU</td> </tr> <tr> <td>Maple-leaf Viburnum (<i>Viburnum acerfolium</i>)</td> <td>10.5</td> <td>10%</td> <td>no</td> <td></td> <td>NA</td> </tr> <tr> <td>Glossy Buckthorn (<i>Frangula alnus</i>)</td> <td>10.5</td> <td>10%</td> <td>no</td> <td></td> <td>FAC*</td> </tr> <tr> <td colspan="6" style="text-align: right;">TOTAL COVER = 104.5</td> </tr> </table> <p><u>Ground Cover</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Pennsylvania Sedge (<i>Carex pensylvanica</i>)</td> <td style="width: 15%;">63.0</td> <td style="width: 15%;">33%</td> <td style="width: 15%;">yes</td> <td style="width: 5%;"></td> <td style="width: 20%;">FACU</td> </tr> <tr> <td>Smooth Solomon's Seal (<i>Polygonatum biflorum</i>)</td> <td>63.0</td> <td>33%</td> <td>yes</td> <td></td> <td>FACU</td> </tr> <tr> <td>Wild Sarsaparilla (<i>Aralia nudicaulis</i>)</td> <td>63.0</td> <td>33%</td> <td>yes</td> <td></td> <td>FACU</td> </tr> <tr> <td colspan="6" style="text-align: right;">TOTAL COVER = 189.0</td> </tr> </table>						Eastern White Pine (<i>Pinus strobus</i>)	63.0	48%	yes		FACU	Shagbark Hickory (<i>Carya ovata</i>)	38.0	29%	yes		FACU-	Red Maple (<i>Acer rubrum</i>)	20.5	16%	no		FAC*	Flowering Dogwood (<i>Cornus florida</i>)	10.5	8%	no		FACU-	TOTAL COVER = 132.0						Common Greenbrier (<i>Smilax rotundifolia</i>)	63.0	100%	yes		FAC*	TOTAL COVER = 63.0						Red Maple (<i>Acer rubrum</i>)	63.0	75%	yes		FAC*	Eastern White Pine (<i>Pinus strobus</i>)	20.5	25%	yes		FACU	TOTAL COVER = 83.5						Eastern White Pine (<i>Pinus strobus</i>)	63.0	60%	yes		FACU	White Oak (<i>Quercus alba</i>)	20.5	20%	yes		FACU	Maple-leaf Viburnum (<i>Viburnum acerfolium</i>)	10.5	10%	no		NA	Glossy Buckthorn (<i>Frangula alnus</i>)	10.5	10%	no		FAC*	TOTAL COVER = 104.5						Pennsylvania Sedge (<i>Carex pensylvanica</i>)	63.0	33%	yes		FACU	Smooth Solomon's Seal (<i>Polygonatum biflorum</i>)	63.0	33%	yes		FACU	Wild Sarsaparilla (<i>Aralia nudicaulis</i>)	63.0	33%	yes		FACU	TOTAL COVER = 189.0					
Eastern White Pine (<i>Pinus strobus</i>)	63.0	48%	yes		FACU																																																																																																																		
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Wild Sarsaparilla (<i>Aralia nudicaulis</i>)	63.0	33%	yes		FACU																																																																																																																		
TOTAL COVER = 189.0																																																																																																																							

Vegetation conclusion:
 Number of dominant wetland indicator plants: **2** Number of dominant non-wetland indicator plants: **6**
 Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? **No** ***Note: Isolated Vegetated Wetland.**

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

Applicant: _____ Prepared by: Applied Ecological Sciences (AES) Project location: Berry St, Wrentham/Plainville 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)
- DP-10 @ AES #33**

Section I. Vegetation	Observation Plot Number:	DP-10 WEI	Transect Number:	5	Date of Delineation:	6/22/2021
A. Sample Layer and Plant Species (by common/scientific name)	B. Percent Cover (or dominance ratio)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category		
Trees						
Swamp White Oak (<i>Quercus bicolor</i>)	20.5	50%	yes	FACW+*		
Red Maple (<i>Acer rubrum</i>)	20.5	50%	yes	FAC*		
Woody Vines:						
Common Greenbrier (<i>Smilax rotundifolia</i>)	63.0	75%	yes	FAC*		
Riverbank Grape (<i>Vitis riparia</i>)	20.5	25%	yes	FACW*		
Saplings						
Absent						
Shrubs						
Winterberry (<i>Ilex verticillata</i>)	63.0	75%	yes	FACW+*		
Slippery Elm (<i>Ulmus rubra</i>)	20.5	25%	yes	FACW*		
Ground Cover						
Swamp Dewberry (<i>Rubus hispidus</i>)	63.0	62%	yes	FACW*		
Wild Sarsaparilla (<i>Aralia nudicaulis</i>)	38.0	38%	yes	FACU		
TOTAL COVER =	101.0					

Vegetation conclusion:
 Number of dominant wetland indicator plants: 7 Number of dominant non-wetland indicator plants: 1
 Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? **Yes** *Note: Isolated Vegetated Wetland.

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

Applicant: _____ Prepared by: Applied Ecological Sciences (AES) Project location: Berry St, Wrentham/Plainville DEP File #: _____
Assess. Lot 280/54

- 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)
- DP-11 @ AES #16

Section I. Vegetation	Observation Plot Number:	DP-11 WEI Transect Number:	6	Date of Delineation:	6/22/2021
A. Sample Layer and Plant Species (by common/scientific name)	B. Percent Cover (or dominance ratio)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category	
<u>Trees</u>					
Gray Birch (<i>Betula populifolia</i>)	38.0	31%	yes	FAC*	
Slippery Elm (<i>Ulmus rubra</i>)	20.5	17%	no	FACW-*	
Red Maple (<i>Acer rubrum</i>)	63.0	52%	yes	FAC*	
TOTAL COVER =	121.5				
<u>Woody Vines:</u>					
Absent					
TOTAL COVER =	0.0				
<u>Saplings</u>					
Slippery Elm (<i>Ulmus rubra</i>)	38.0	50%	yes	FACW-*	
Green Ash (<i>Fraxinus pennsylvanica</i>)	38.0	50%	yes	FACW*	
TOTAL COVER =	76.0				
<u>Shrubs</u>					
Highbush Blueberry (<i>Vaccinium corymbosum</i>)	38.0	78%	yes	FAC*	
Green Ash (<i>Fraxinus pennsylvanica</i>)	10.5	22%	yes	FACW*	
TOTAL COVER =	48.5				
<u>Ground Cover</u>					
Royal Fern (<i>Osmunda regalis</i>)	63.0	100%	yes	OBL*	
TOTAL COVER =	63.0				

Vegetation conclusion:
 Number of dominant wetland indicator plants: **8** Number of dominant non-wetland indicator plants: **0**
 Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? **Yes**

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

Applicant: _____ Prepared by: Applied Ecological Sciences (AES) Project location: Berry St, Wrentham/Plainville DEP File #: _____
Assess. Lot 280/54

- 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)

DP-12 @ AES #16

Section I. Vegetation	Observation Plot Number:	DP-12 UPL Transect Number:	6	Date of Delineation:	6/22/2021
A. Sample Layer and Plant Species (by common/scientific name)	B. Percent Cover (or dominance ratio)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category	
Trees					
Eastern White Pine (<i>Pinus strobus</i>)	63.0	52%	yes	FACU	
Slippery Elm (<i>Ulmus rubra</i>)	20.5	17%	no	FACW+*	
Red Oak (<i>Quercus rubra</i>)	38.0	31%	yes	FACU	
Woody Vines:					
Absent					
Saplings					
Eastern White Pine (<i>Pinus strobus</i>)	20.5	100%	yes	FACU	
Shrubs					
Absent					
Ground Cover					
Canada Mayflower (<i>Maianthemum canadense</i>)	63.0	50%	yes	FAC-	
Virginia Creeper (<i>Parthenocissus quinquefolia</i>)	63.0	50%	yes	FACU	
TOTAL COVER = 126.0					

Vegetation conclusion:
 Number of dominant wetland indicator plants: **0** Number of dominant non-wetland indicator plants: **5**
 Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? **No**

Appendix B
U.S.G.S Topo Map
FEMA Map
NHESP Map

