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

## **Abbreviated Notice of Resource Area Delineation**

Under the Massachusetts Wetland Protection Act, M.G.L. c. 131, s. 40 & And The Town of Stow Wetland Protection Bylaw

for

58 Randall Road Map R11, Parcel 25B-3 Stow, MA 01775

Applicant: Mark O'Hagan

MCO & Associates, Inc.

P.O. Box 372

Harvard, MA 01451

Date: December 15, 2021

SM-6781

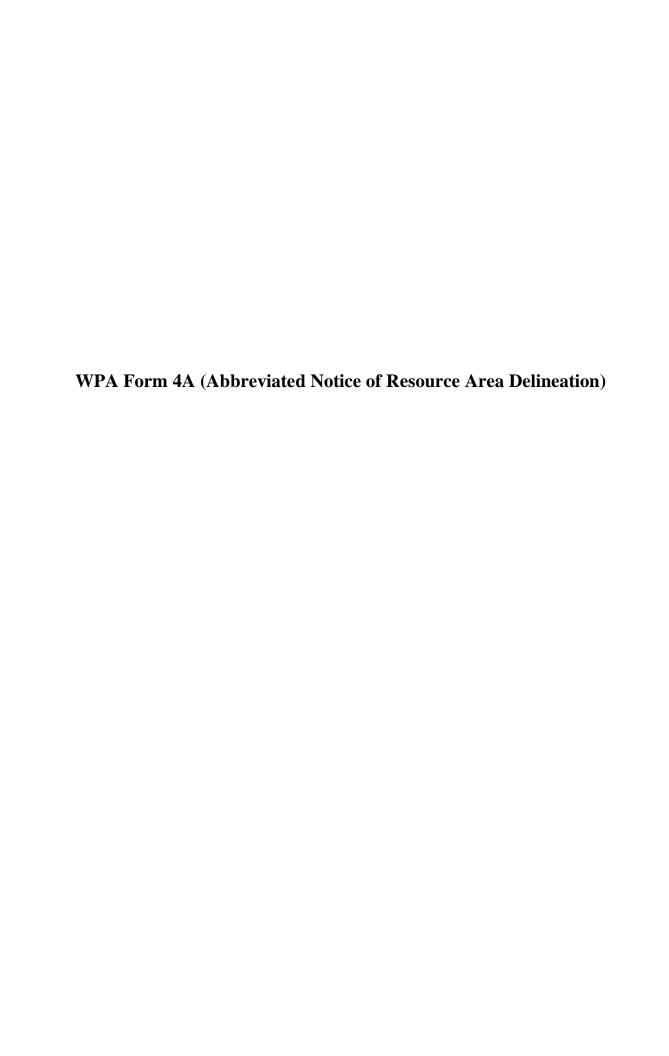
## **Table of Contents**

- Resource Area Description
- WPA Form 4A (Abbreviated Notice of Resource Area Delineation)
- Certified Abutters List
- Attachments:
  - U.S.G.S. Locus Map
  - Massachusetts Natural Heritage Atlas 13th Edition, Effective: August 1, 2021
  - FEMA Flood Map
  - Wetland Delineation Sheets
  - Resource Area Delineation Plan by Stamski and McNary, Inc.



## **Resource Area Description**

The property at 58 Randall Road (Map R11 Parcel 25B-3) is a 177 acre lot containing primarily open space and woods associated with a golf course. There is Bordering Vegetated Wetland (BVW) on the southern, eastern, and northern portions of this lot that project 100' Buffer Zone. There is also Riverfront Area on the southern portion of the lot. The resource areas were delineated by wetland scientist David Crossman of B&C Associates, Inc. and located by field survey. The applicant is seeking confirmation of the existing wetland resource areas.





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

key.

Note: Before completing this form consult your

local Conservation Commission regarding any municipal bylaw or ordinance.

## **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

Prov	ided by MassDEP:
	MassDEP File Number
	Document Transaction Number
	Stow
	City/Town

## General Information

Λ.						
1.	Project Location (Note: elect	ronic filers will clicl	c on button for GIS locator):			
	58 Randall Road		Stow	01775		
	a. Street Address		b. City/Town	c. Zip Code		
	lotitude and longitude.		42.4222 N	71.5251 W		
	Latitude and Longitude:		d. Latitude	e. Longitude		
	R11		25B-3			
	f. Assessors Map/Plat Number		g. Parcel /Lot Number			
2.	Applicant:					
	Mark		O'Hagan			
	a. First Name		b. Last Name			
	MCO & Associates, Inc.					
	c. Organization					
	P.O. Box 372					
	d. Mailing Address					
	Harvard		MA	01451		
	e. City/Town	<del></del>	f. State	g. Zip Code		
	508-395-1211		markohagan@mcoassociates	s.com		
	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)			
	a. First Name		b. Last Name			
	Stow Holdings, LLC c. Organization					
	•					
	258 Andover Street d. Mailing Address					
	•		MA	01022		
	Georgetown e. City/Town		f. State	01833 g. Zip Code		
	e. Oity/10Wii		i. Glate	g. Zip Code		
	h. Phone Number i. Fax	Number	j. Email Address			
4.	Representative (if any):					
	Nathanial		Cataldo			
	a. Contact Person First Name		b. Contact Person Last Name			
	Stamski and McNary, Inc.	Stamski and McNary, Inc.				
	c. Organization					
	1000 Main Street					
	d. Mailing Address					
	Acton		MA	01720		
	e. City/Town		f. State	g. Zip Code		
	978-263-8585 X204 978-	263-9883	nc@stamskiandmcnary.com			
		Number	j. Email Address			
5	Total WPA Fee Paid (from at	tached ANRAD W	etland Fee Transmittal Form)			

Fees will be calculated for online users.

\$987.50 \$1,012.50 + Bylaw \$148.00 \$2,000.00 a. Total Fee Paid b. State Fee Paid c. City/Town Fee Paid



## 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 MassDEF	<b>)</b> :
MassDEP File Nu	umber
Document Transa	action Number
Stow	
City/Town	

## B. Area(s) Delineated

1.	Bordering \	Vegetated Wetland (BVW)	6,963 Linear Feet of Boundary Delineated			
2.	Check all n	nethods used to delineate the Border	ing Vegetated Wetland (B	/W) boundary:		
	a. 🛛 Ma	assDEP BVW Field Data Form (attach	ned)			
	b. Otl	entation):				
	1. 🗌	50% or more wetland indicator plan	ts			
	2.	Saturated/inundated conditions exis	et			
	3.	Groundwater indicators				
	4.	Direct observation				
	5. 🗌	Hydric soil indicators				
	6.	Credible evidence of conditions price	or to disturbance			
3.	Indicate an	y other resource area boundaries tha	at are delineated:			
Riv	erfront Area	ı		213		
a. R	esource Area			b. Linear Feet Delineated		
c. R	esource 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. SGS 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

wpaform4a.doc • rev. 12/11 Page 2 of 4



## **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

Prov	rided by MassDEP:
	MassDEP File Number
	Document Transaction Number
	Stow
	Citv/Town

	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. Tee Exempt: No filing fee shall be assessed for the Commonwealth, federally recognized Indian tribe or the Massachusetts Bay Transportation Authority.					
Applicants must submit the following information (in a Form) to confirm fee payment:	addition to the attached Wetland Fee Transmittal				
5235	Dec 9, 2021				
2. Municipal Check Number	3. Check date				
5234	Dec 9, 2021				
4. State Check Number	5. Check date				
MCO & Associates, 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

wpaform4a.doc • rev. 12/11 Page 3 of 4



## 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

٧	ided by MassDEP:
	MassDEP File Number
	Document Transaction Number
	Stow
	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.

Most	12/9/2021
1. Signature of Applicant	2. Date 12 1 2 1 2 2 1
3. Signature of Preperty Owner (if different)	4. Date
Nathernial Catalde	12/15/2021
5. Signature of Representative (if any)	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.

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



☐ Online users: check box if fee exempt.

return key.

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

A. Applicant Information

## **ANRAD Wetland Fee Transmittal Form**

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

58 Ra	andall Road		Stow	
a. Stre	et Address		b. City/Town	
\$987.	50		5234	
c. Fee	amount		d. Check number	
Applio	cant:			
Mark		O'Hagan	N	ICO & Associates, Inc.
a. First		b. Last Name	C.	Company
	Box 372			
	ing Address		B 4 A	04454
Harva e. City/			MA f. State	01451 g. Zip Co
-			i. State	g. Zip Co
	95-1211 ne Number			
	erty Owner (if differ	ont\:		
Flobe	erty Owner (ii dilien	ent).	0	tow Holdings II C
a. First	Name	b. Last Name		tow Holdings, LLC Company
	indover Street	J. Last Hamo	0.	- Company
	ing Address			
	getown		MA	01833
	Town		f. State	
e. City/			•	g. Zip C0
				g. 2ip 60
h. Pho	ne Number			
h. Phore Fee e fee is blicable ea Deli ivity.	s calculated as follo e project type). The neations, is \$200 a	ws for each Resource Ar maximum fee for each A ctivities associated with a etland Delineation Fee:	ea Delineation include NRAD, regardless of	ed in the ANRAD (chec the number of Resour
h. Phore  e fee is policable ea Delir ivity.  Borde  1.	s calculated as follo e project type). The neations, is \$200 a	maximum fee for each A ctivities associated with a etland Delineation Fee:  a. feet of BVW	ea Delineation include NRAD, regardless of a single-family house a x \$2.00 =	ed in the ANRAD (checthe number of Resour and \$2,000 for any oth
h. Phoi Fee e fee is blicable ea Delii ivity.	s calculated as follo e project type). The neations, is \$200 a ering Vegetated We single family house project all other	maximum fee for each A ctivities associated with a stand Delineation Fee:  a. feet of BVW 6,963	ea Delineation include NRAD, regardless of a single-family house a x \$2.00 = \$13,926	ed in the ANRAD (checthe number of Resour and \$2,000 for any oth b. Fee for BVW \$13,926.00
h. Phore Fee is blicable a Delivity. Borde	s calculated as follo e project type). The neations, is \$200 a ering Vegetated We single family house project	maximum fee for each A ctivities associated with a etland Delineation Fee:  a. feet of BVW	ea Delineation include NRAD, regardless of a single-family house a x \$2.00 =	ed in the ANRAD (checthe number of Resour and \$2,000 for any oth
h. Phore e fee is blicable a Delirivity.  Borde 1.  2.	s calculated as follo e project type). The neations, is \$200 a ering Vegetated We single family house project all other projects	maximum fee for each A ctivities associated with a stand Delineation Fee:  a. feet of BVW 6,963	ea Delineation include NRAD, regardless of a single-family house a $\overline{x \cdot \$2.00} = \frac{\$13,926}{x \cdot \$2.$	ed in the ANRAD (checthe number of Resour and \$2,000 for any oth b. Fee for BVW \$13,926.00
h. Phore e fee is blicable a Delir ivity.  Borde 1.  2.	s calculated as follower project type). The neations, is \$200 at the neations is \$200 at the neations is \$200 at the neations. The neations is \$200 at the neations. The neations is \$200 at the neations.	maximum fee for each A ctivities associated with a stland Delineation Fee:  a. feet of BVW 6,963 a. feet of BVW eg., bank, riverfront area,	ea Delineation include NRAD, regardless of a single-family house a x \$2.00 = \$13,926 x \$2.00 = etc.):	ed in the ANRAD (check the number of Resour and \$2,000 for any oth b. Fee for BVW \$13,926.00 b. Fee for BVW
h. Phore Fee is blicable as Delir ivity.  Borde  1.   Other  3.   The phore  1.   Other  1.   The phore  1.   The phore  2.   Other  3.   The phore  1.   The phore  1.   The phore  2.   The phore  3.   The phore  1.   The phore  1.   The phore  1.   The phore  2.   The phore  3.   The phore  4.   The phore  4.   The phore  5.   The phore  6.   The phore  7.   The phore  8.   The phore  9.   1.   The phore  1.	s calculated as follower project type). The neations, is \$200 at the single family house project all other projects. Resource Area (e. single family house project	maximum fee for each A ctivities associated with a stland Delineation Fee:  a. feet of BVW 6,963 a. feet of BVW g., bank, riverfront area, a. linear feet	rea Delineation include NRAD, regardless of a single-family house a $x $2.00 = $ $x $2.00 = $ etc.):	b. Fee for BVW  b. Fee for BVW  b. Fee for BVW
h. Phor	s calculated as follo e project type). The neations, is \$200 a ering Vegetated We single family house project all other projects Resource Area (e. single family house project all other	maximum fee for each Activities associated with a setland Delineation Fee:  a. feet of BVW 6,963 a. feet of BVW .g., bank, riverfront area,  a. linear feet 213	ea Delineation include NRAD, regardless of a single-family house a x \$2.00 = \$13,926 x \$2.00 = etc.):	b. Fee for BVW \$13,926.00 b. Fee for BVW
h. Phore Fee is elicable a Delirivity.  Borde  1.   Other  3.   The phore  1.   Other  1.   The phore  1.   The phore  2.   The phore  3.   The phore  1.   Th	s calculated as follower project type). The neations, is \$200 at the single family house project all other projects. Resource Area (e. single family house project	maximum fee for each Activities associated with a stland Delineation Fee:  a. feet of BVW 6,963 a. feet of BVW e.g., bank, riverfront area,  a. linear feet 213 a. linear feet	ea Delineation include NRAD, regardless of a single-family house a	b. Fee for BVW \$13,926.00 b. Fee \$426.00 b. Fee
h. Phore e fee is elicable a Delivity.  Borde 1.   Other 3.	s calculated as follo e project type). The neations, is \$200 a ering Vegetated We single family house project all other projects Resource Area (e. single family house project all other	maximum fee for each Activities associated with a stland Delineation Fee:  a. feet of BVW 6,963 a. feet of BVW e.g., bank, riverfront area,  a. linear feet 213 a. linear feet	ea Delineation include NRAD, regardless of a single-family house a x \$2.00 = \$13,926 x \$2.00 = etc.):	b. Fee for BVW \$13,926.00 b. Fee for BVW
h. Phore Fee is elicable a Delirivity.  Borde  1.   Other  3.   The phore  1.   Other  1.   The phore  1.   The phore  2.   The phore  3.   The phore  1.   Th	s calculated as follo e project type). The neations, is \$200 a ering Vegetated We single family house project all other projects Resource Area (e. single family house project all other	maximum fee for each Activities associated with a stland Delineation Fee:  a. feet of BVW 6,963 a. feet of BVW g., bank, riverfront area,  a. linear feet 213 a. linear feet Total Fee for	ea Delineation include NRAD, regardless of a single-family house a $x = 2.00 = 13,926$ $x = 2.00 = 10$ etc.): $x = 2.00 = 10$ all Resource Areas:	b. Fee for BVW \$13,926.00 b. Fee for BVW \$13,926.00 b. Fee \$426.00 b. Fee \$2000.00 (Max.)
h. Phore fee is elicable a Delirivity.  Borde  1.   Other  3.   The phore  1.   Other  1.   The phore  1.   The phore  2.   The phore  2.   The phore  3.   The phore  4.   The phore  5.   The phore  6.   The phore  7.   The phore  8.   The phore  9.   1.   1.   1.   1.   1.   1.   1.	s calculated as follo e project type). The neations, is \$200 a ering Vegetated We single family house project all other projects Resource Area (e. single family house project all other	maximum fee for each Activities associated with a stland Delineation Fee:  a. feet of BVW 6,963 a. feet of BVW g., bank, riverfront area,  a. linear feet 213 a. linear feet Total Fee for	ea Delineation include NRAD, regardless of a single-family house a	b. Fee for BVW \$13,926.00 b. Fee for BVW \$13,926.00 b. Fee \$426.00 b. Fee \$2000.00 (Max.)

City/Town share of filing fee:

6. 1/2 of total fee **plus** \$12.50



## **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.)



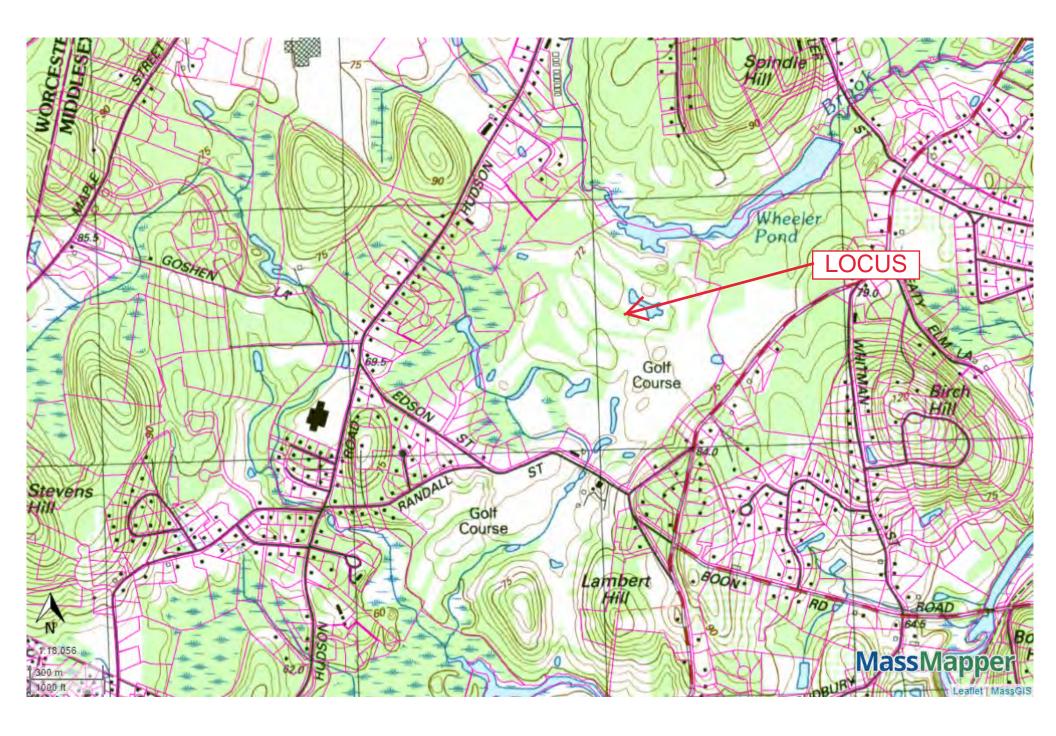
## **ABUTTERS LIST** 58 Randall Rd MAP R11 PARCELS 25B-3

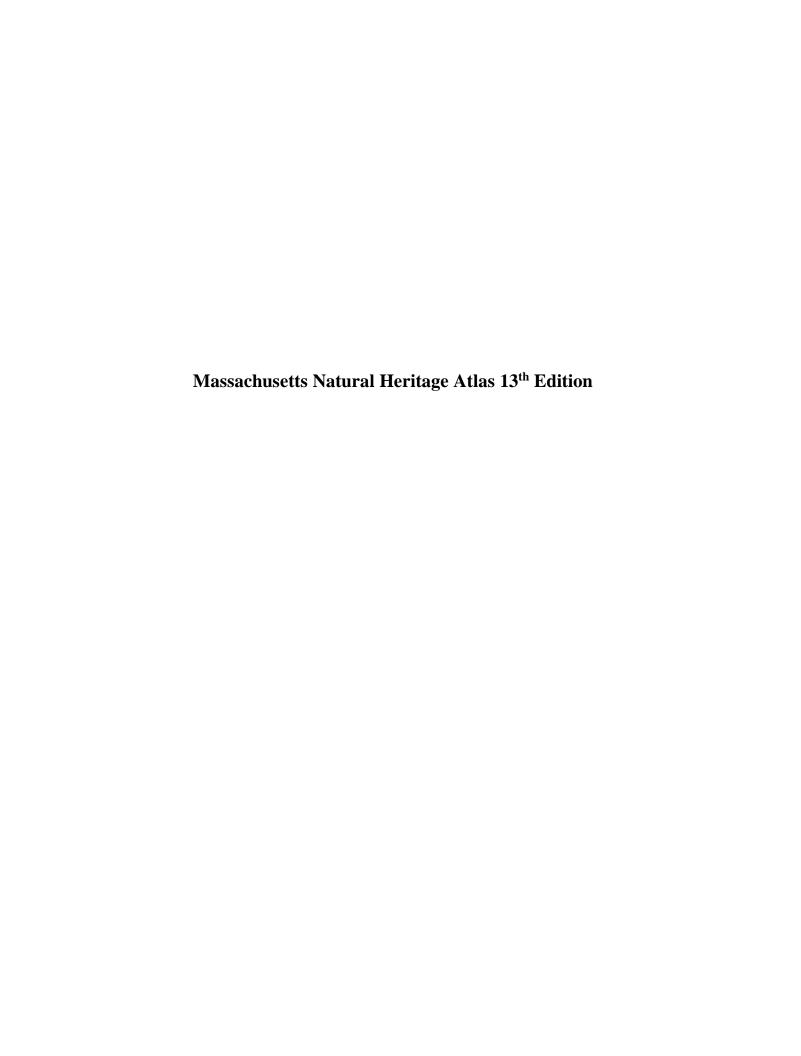
MAP/PARCEL	P	PROPERTY LOCATION	OWNER NAME 1	OWNER NAME 2	MAILING ADDRESS	CITY	STATE	ZIP	DEED BOOK	DEED PAGE
00R-10 000050	0	HUDSON RD	O'GRADY MARGARET A		10 CAPRI ROAD	FRAMINGHAM	MA	01701	14757	103
00R-10 00049B	22	ELIZABETH DR	KENNEDY, BRENDON C.		22 ELIZABETH DR	STOW	MA	01775	77189	416
00R-10 00049C	21	ELIZABETH DR	PEABODY MICHAEL E		21 ELIZABETH DRIVE	STOW	MA	01775	24458	190
00R-10 0053-1	112	HUDSON RD	SARKISIAN DAVID J		112 HUDSON RD	STOW	MA	01775	64120	103
00R-10 0053-2	102	HUDSON RD	MANDEVILLE MATTHEW R	7	102 HUDSON RD	STOW	MA	01775	68324	266
00R-10 025B-1	0	GATES LN	STOW WOODLANDS LLC		PO BOX 620-636	NEWTON LOWER	AMA	02462	17734	443
00R-10 025B-2	OFF	ELIZABETH DR	STOW WOODLANDS LLC		PO BOX 620-636	NEWTON LOWER	AMA	02462	17734	443
00R-10 053-1A	110	HUDSON RD	KLOCHKOV ARTYOM		110 HUDSON ROAD	STOW	MA	01775	71488	487
00R-11 000023	80	EDSON ST	THOMAS BRUCE A		80 EDSON ST	STOW	MA	01775	22623	610
00R-11 000024	77	RANDALL RD	GEORGE DOROTHY E		50 CONCORD ST	MAYNARD	MA	01754	28371	62
00R-11 000026	21	CROSS ST	HAM RONALD J TR		21 CROSS ST	STOW	MA	01775	37128	285
00R-11 000027	5	CROSS ST	GOLDSTEIN AARON		5 CROSS STREET	STOW	MA	01775	68183	266
00R-11 000028	295	GLEASONDALE RD	SIROIS PAUL E		295 GLEASONDALE ROAD	STOW	MA	01775	25771	400
00R-11 00005A	285	GLEASONDALE RD	JACKSON, CHRISTIAN M.		285 GLEASONDALE RD	STOW	MA	01775	76032	445
00R-11 00006A	279	GLEASONDALE RD	SMITS JOHN A		279 GLEASONDALE ROAD	STOW	MA	01775	49398	589
00R-11 00007A	265	GLEASONDALE RD	BRADWAY ROBERT		265 GLEASONDALE RD	STOW	MA	01775	50930	244
00R-11 00011A	0	HUDSON RD	STOW HOLDINGS LLC		258 ANDOVER STREET	GEORGETOWN	MA	01833	67309	266
00R-11 00011B	0	EDSON ST	TOWN OF STOW		380 GREAT ROAD	STOW	MA	01775	61033	573
00R-11 00036A		RANDALL RD	FRANCOEUR KATHERINE M		32 RANDALL RD	stow	MA	01775	69120	411
00R-11 00037A	58	RANDALL RD	STOW HOLDINGS LLC		258 ANDOVER STREET	GEORGETOWN	MA	01833	67309	266
00R-11 0025-4	64	EDSON ST	COBB JENNIFER S		64 EDSON ST	STOW	MA	01775	61961	393
00R-11 0033-2	147	BOON RD	PETERS FAMILY TRUST		147 BOON RD	STOW	MA	01775	72991	531
00R-11 0033-3	41	RANDALL RD	GALLACHER MATTHEW J		41 RANDALL RD	STOW	MA	01775	59425	183
00R-11 0033-4	30	CROSS ST	DOUCETTE THOMAS		30 CROSS ST	STOW	MA	01775	22961	254
00R-11 0033-5	22	CROSS ST	WENDLER JOHN P		22 CROSS STREET	STOW	MA	01775	24257	514
00R-11 0054-2	137	RANDALL RD	ZINKE ALEXANDER W		137 RANDALL ROAD	STOW	MA	01775	68456	565
00R-11 025-11	0	FAIRWAY DR	SARTORI LOUIS R		2203 ATLANTIC ST APT 721	MELBOURNE BEAC	H FL	32951	46140	406
00R-11 025-12	11	FAIRWAY DR	SARTORI LOUIS R		2203 ATLANTIC ST APT 721	MELBOURNE BEAC	H FL	32951	46140	404
00R-11 025-13	7	FAIRWAY DR	GEREMIAS RONALDO		7 FAIRWAY DR	STOW	MA	01775	66971	149
00R-11 025-5A	70	EDSON ST	BOUDO WILLIAM M		70 EDSON STREET	STOW	MA	01775	67531	449
00R-11 025-6A	76	EDSON ST	SEIGAL STEPHEN		76 EDSON ST	STOW	MA	01775	70653	388
00R-11 025-9A	32	FAIRWAY DR	L'HOMMEDIEU CHRISTOPHER G		32 FAIRWAY DRIVE	STOW	MA	01775	61723	532
00R-11 025A-1	148	HUDSON RD	FANNING MATTHEW J	}=	148 HUDSON ROAD	STOW	MA	01775	66947	284
00R-11 025B-3	0	RANDALL RD	STOW HOLDINGS LLC		258 ANDOVER STREET	GEORGETOWN	MA	01833	67309	266
00R-11 025B-4	OFF	HUDSON RD	STOW WOODLANDS LLC		PO BOX 620-636	NEWTON LOWER	A MA	02462	17734	443
00R-11 025B-8	0	CROSS ST	VIRNELLI TANYA		59 GLEASONDALE RD	STOW	MA	01775	71019	388
00R-11 025B-9	111	RANDALL RD	KANE JOHN L		111 RANDALL RD	STOW	MA	01775	54227	469
00R-11 25-10A	36	FAIRWAY DR	ROY JONATHAN T		36 FAIRWAY DRIVE	STOW	MA	01775	72751	41
00R-11 25B-10	121	RANDALL RD	ALEXANDER BRIAN		121 RANDALL RD	STOW	MA	01775	53905	348
00R-14 0001-2	282	GLEASONDALE RD	HALL BERNARD J & NOREEN M		282 GLEASONDALE RD	STOW	MA	01775	1375	81
00R-14 0001-4	8	DEACON BENHAM DR	KERRIGAN, JR., EDWARD J.		8 DEACON BENHAM DR	STOW	MA	01775	1562	186
00R-15 000065	264	GLEASONDALE RD	GONET REESA T		264 GLEASONDALE ROAD	stow	MA	01775	32022	514
00R-15 000066	0	WHEELER RD	PAGE FAMILY LIMITED PARTNERSHP	10	115 WHEELER ROAD	STOW	MA	01775	26923	577
* recent sales			_	0 11						

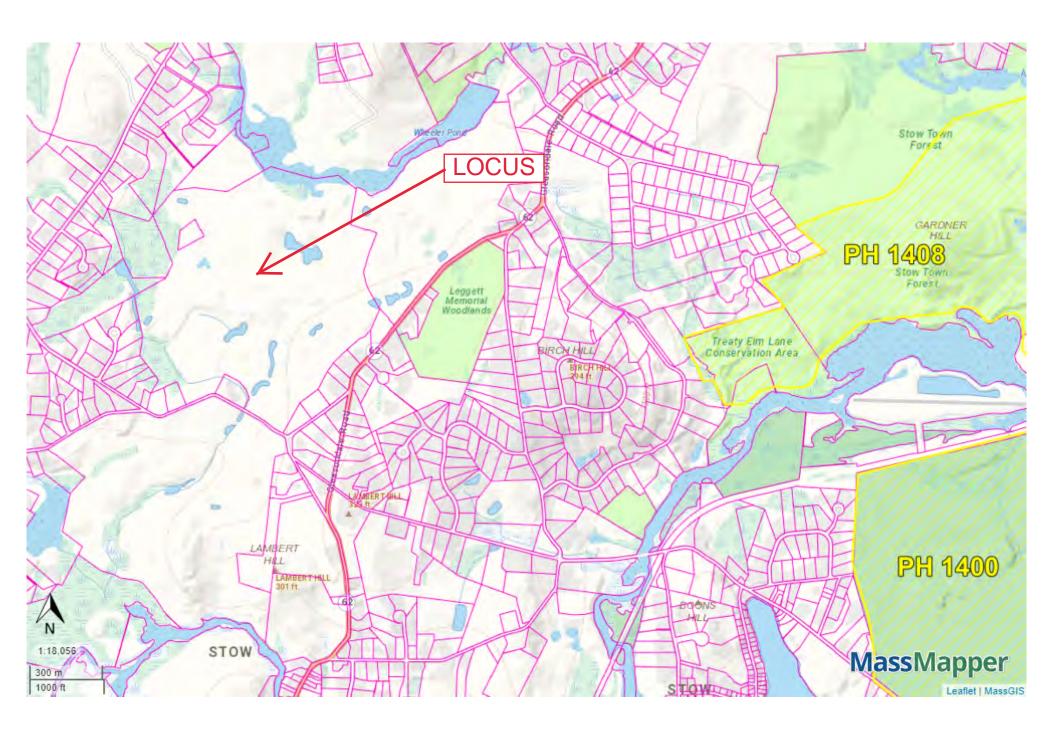
Certified by the Stow Board of Assessors:

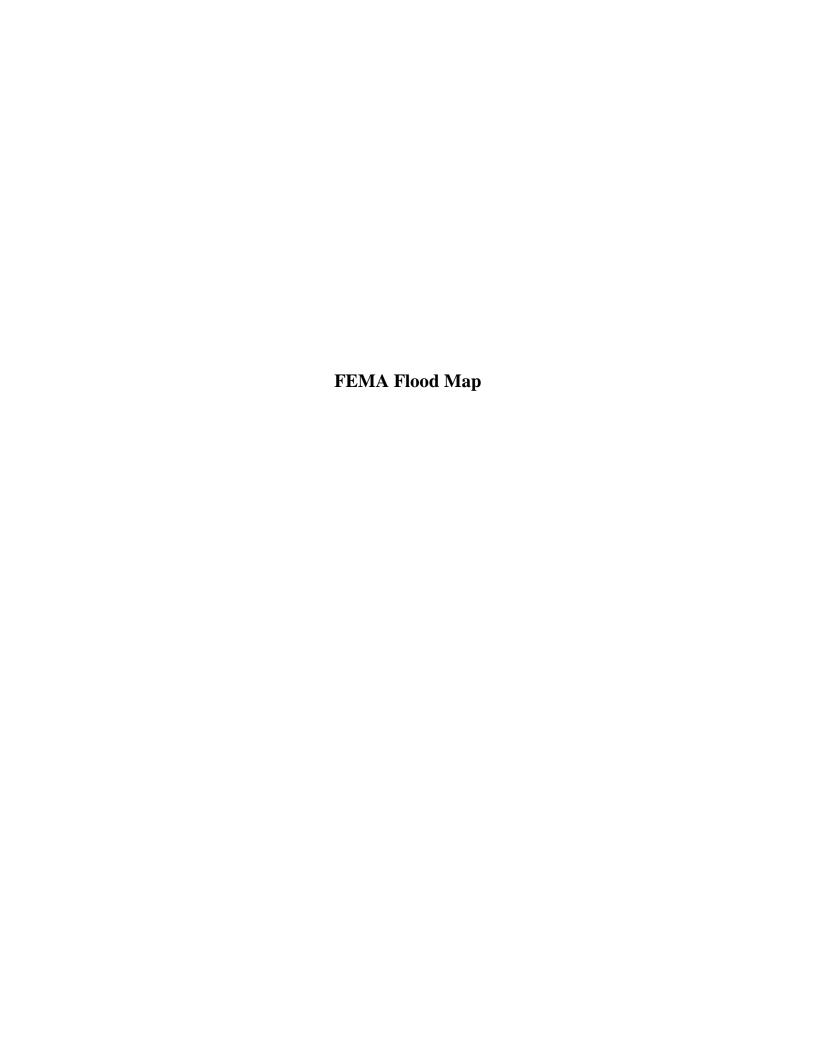
Date Certified or Re-Certified: 12 2 Ft: 300 Stuart Carter, MAA











## National Flood Hazard Layer FIRMette

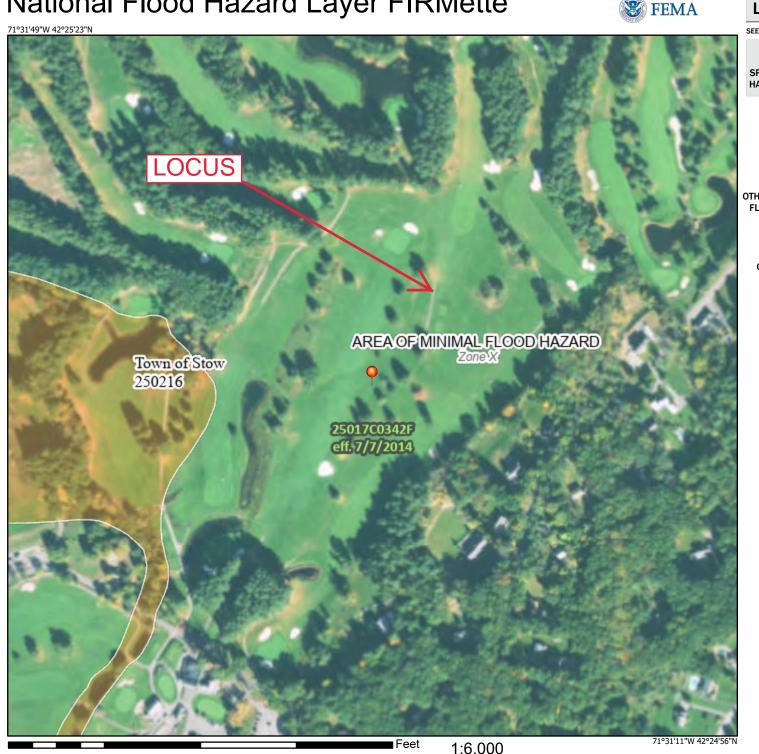
250

500

1,000

1,500



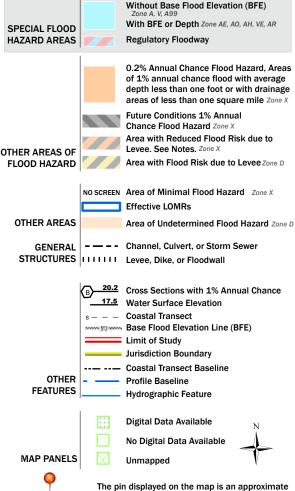


2.000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

### Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



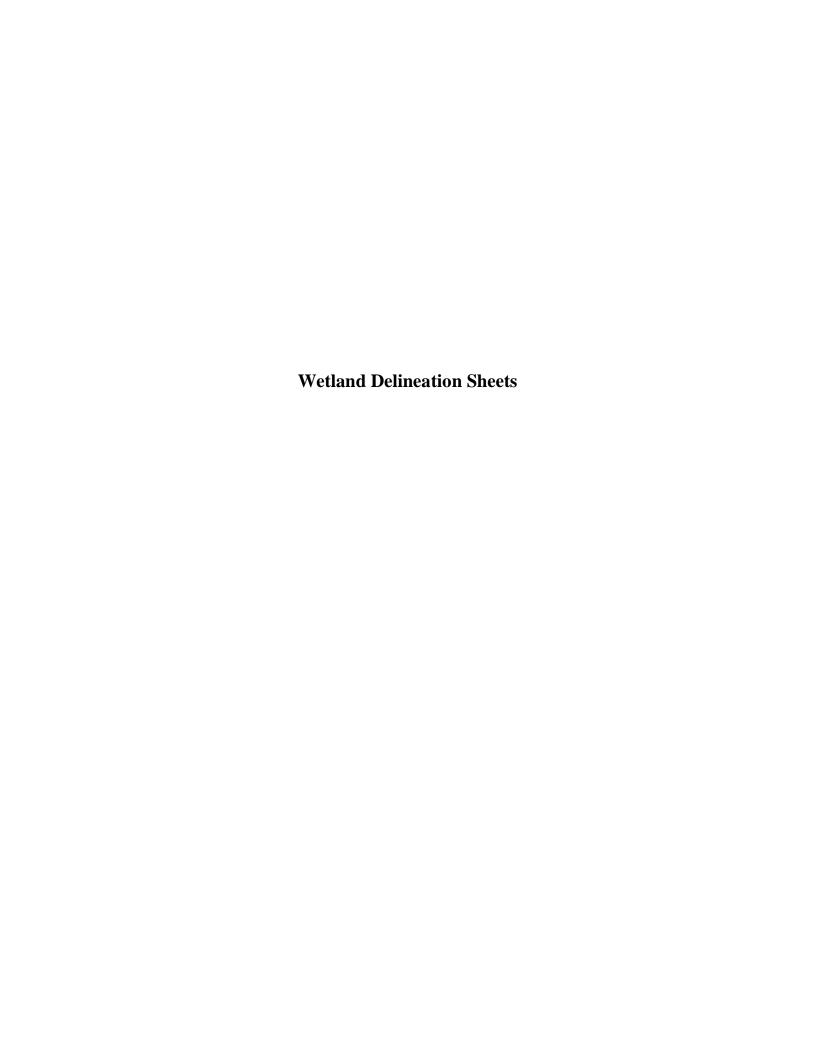
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

point selected by the user and does not represent

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/2/2021 at 9:58 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Applicant:	Prepared by: <u>B &amp; C Associates Inc.</u>	Project location: North Course - Stow Acres , Stow	DEP File #:
Check all that apply:  ☐ Vegetation alone presumed adequate	ate to delineate BVW boundary: fill out Sec	tion I only	
	hydrology used to delineate BVW boundary		
$\hfill \square$ Method other than dominance test	used (attach additional information)		

Section I. Ve	egetation Observa	ation Plot Number: 1	Transect Num	ber: <u>A</u>	Date of	Delineation: <u>11/10/20</u>	021
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 Catego	ory *
Herbaceous:	Goldenrod Soft Rush Upland Grasses	Solidago sp. Juncus effuses Graminae sp.	63.0 38.0 10.5/111.5	57% 34% 9%	Yes Yes No	FACW+ UPL	*
Shrubs:	Silky Dogwood Old Field Raspberry Multiflora Rose Common Elderberry	Cornus amomum Rubus alumnus Rosa multiflora Sambucus canadensis	10.5 10.5 3.0 3.0/27.0	39% 39% 11% 11%	Yes Yes No No	FACW FACU- FACU FACW-	*
Saplings:	None						
Lianas:	Oriental Bittersweet	Celastrus orbiculatus	10.5/10.5	100%	Yes	UPL	
Overstory:	None						

<b>Vegetation conclusion:</b> Number of dominant wetland indicator plants:	2 Number of dominant non-wetland Indicator plant:	2				
Is the number of dominant wetland plants equal to	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 boun	dary, submit this form with the Request for Determination of Applicability or Notice of Intent.	BC 2110-03	MA DEP;3/95			

<sup>\*</sup> 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+, 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.

Section II. Hydric Soil Ir	Indicators of iterpretation	Hydrology		Othe	r Indicators of Hydrology: (check all the	hat apply and des	cribe)
					Site inundated:		
1. Soil Survey					Depth to free water in observation h	ole:	<del></del>
Is the	ere a published s	oil survey for this site?	YES		Depth to soil saturation in observation	on hole:	
	title/date:	Middlesex County 9	/02/2021		Water marks:		
	map number:	23					
	soil type map	ped: Merrimac fi	ne sandy loam		Drift lines:		
	hydric soil inc	lusions:			Sediment deposits:		
Are fi	eld observations	consistent with soil su	rvey? YES		Drainage patterns in BVW:		
Rema	arks:				Oxidized rhizospheres:		
2. Soil Descri	ption				Water-stained leaves:		
Horizon	Depth	Matrix Color	Mottles Color		Recorded data (stream. lake. or tida	ll gauge; aerial	photo; other):
A	0-6"	10 YR 2/2			Oth		
В	6-15"	10 YR 5/3			Other:		
				Vege	etation and Hydrology Conclusion		
				Niccont	han af water all to the class to a least	Yes	No
					ber of wetland indicator plants mber of non-wetland indicator plants		
Remarks:				Wetla	and hydrology present: hydric soil present		•
3. Other:	9′ 3″ to Wetla	and Flag # 57			other indicators of hydrology present		•
map number: 23  soil type mapped: Merrimac fine sandy loam hydric soil inclusions:  Are field observations consistent with soil survey? YES Remarks: 2. Soil Description Horizon Depth Matrix Color Mottles Color A 0-6" 10 YR 2/2 B 6-15" 10 YR 5/3		Samı	ple location is in a BVW				

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

Conclusion: Is soil hydric?

NO

Applicant:	Prepared by: <u>B &amp; C Associates Inc.</u>	Project location: North Course - Stow Acres , Stow	_ DEP File #:
Check all that apply:	onto to dell'acceta DVAM bassadore ("Il act Occ	office I and a	
vegetation alone presumed adequ	late to delineate BVW boundary: fill out Sec	ction I only	
■ Vegetation and other indicators of	hydrology used to delineate BVW boundary	y: fill out Sections I and II	
$\hfill \square$ Method other than dominance test	used (attach additional information)		

Section I. V	egetation Observ	vation Plot Number: 2	Transect Num	ber: <u>A</u>	Date of	Delineation: 11/10/	<u>/2021</u>
	yer and Plant Species n/scientific name)		B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Cate	gory *
Herbaceous:	Soft Rush Joe-Pye-Weed Goldenrods	Juncus effuses Eupatoriadelphus maculata Solidago sp.	38.0 10.5 3.0/51.5	74% 20% 6%	Yes Yes No	FACW+ FACW+	*
Shrubs:	Silky Dogwood Common Elderberry	Cornus amomum Sambucus canadensis	20.5 20.5/41.0	50% 50%	Yes Yes	FACW FACW-	*
Saplings:	None						
Lianas:	Oriental Bittersweet	Celastrus orbiculatus	38.0/38.0	100%	Yes	UPL	
Overstory:	None						

<b>Vegetation conclusion:</b> Number of dominant wetland indicator plants:	4 Number of dominant non-wetland Indicator plant:	1		
Is the number of dominant wetland plants equal to	r greater than the number of dominant non-wetland plants?	YES		
If vegetation alone is presumed adequate to delineate the BVW bou	ary, submit this form with the Request for Determination of Applicability or Notice of Intent.	BC 2110-03	MA DEP;3/95	

<sup>\*</sup> 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+, 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.

	nterpretation	от нуагоюду		Otne	r indicators of Hydrology: (check all tha	it apply and de	scribe)
1. Soil Surve					Site inundated:		
	•				Depth to free water in observation ho	le:	
Is th	ere a published	I soil survey for this site?	YES		Depth to soil saturation in observation	n hole:	0"
	title/date:	Middlesex County 9/	/02/2021		Water marks:		
	map numb	er: 23					
	soil type m	apped: Scarboro mu	cky fine sandy loam		Drift lines:		
	hydric soil i	nclusions:			Sediment deposits:		
Are	-	ns consistent with soil sur	vey? YES	•	Drainage patterns in BVW:		
	arks:		,.		Oxidized rhizospheres:		
2. Soil Desci	ription			•	Water-stained leaves:		
Horizon	Depth	Matrix Color	Mottles Color		Recorded data (stream. lake. or tidal	gauge; aerial	photo; other)
A	0-6"	10 YR 3/1			Other:		
$B_{\mathrm{G}}$	6-17"	10 YR 5/2	10 YR 7/1 10 YR 5/6		outer.		
				Vege	tation and Hydrology Conclusion		
				Niconal		Yes	No
					oer of wetland indicator plants mber of non-wetland indicator plants		
Remarks:				Wetla	and hydrology present: hydric soil present	•	
3. Other:		Tetland Flag # 57			other indicators of hydrology present		
		etland Flag # 58 ongradient from A1		Sam	ple location is in a BVW		

Conclusion: Is soil hydric?

YES

Applicant:	Prepared by: <u>B &amp; C Associates Inc.</u>	Project location: North Course - Stow Acres, Stow	DEP File #:
Check all that apply:			
☐ Vegetation alone presumed adeq	uate to delineate BVW boundary: fill out Sec	ction I only	
■ Vegetation and other indicators of	f hydrology used to delineate BVW boundary	y: fill out Sections I and II	
☐ Method other than dominance tes	t used (attach additional information)		

Section I. V	egetation Observ	vation Plot Number: 1	Transect Num	ber: <u>B</u>	Date of	Delineation: 11/18/	<u>/2021</u>
	yer and Plant Species n/scientific name)		B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Cate	gory *
Herbaceous:	Hayscented Fern	Dennstaedtia punctilobula	3.0/3.0	100%	Yes	UPL	
Shrubs:	Highbush Blueberry Swamp Azalea European Buckthorn	Vaccinium corymbosum Azalea viscosum Rhamnus frangula	10.5 10.5 3.0/24.0	44% 44% 12%	Yes Yes No	FACW- OBL FAC	* *
Saplings:	Red Maple White Birch Black Birch	Acer rubrum Betula papyrifera Betula lenta	20.5 10.5 3.0/34.0	60% 31% 9%	Yes Yes No	FAC FACU FACU	*
Lianas:	Oriental Bittersweet Poison Ivy	Celastrus orbiculatus Toxicodendron radicans	20.5 3.0/23.5	87% 13%	Yes No	UPL FAC	*
Overstory:	White Pine Red Maple White Birch	Pinus strobus Acer rubrum Betula papyrifera	1533.7 706.8 78.2/2318.7	66% 30% 3%	Yes Yes No	FACU FAC FACU	*

<b>Vegetation conclusion:</b> Number of dominant wetland indicator plants:	Number of dominant non-wetland Indicator plant:	4			
Is the number of dominant wetland plants equal to	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 bound	ry, submit this form with the Request for Determination of Applicability or Notice of Intent.	BC 2110-03	MA DEP;3/95		

<sup>\*</sup> 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+, 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.

### Section II. Indicators of Hydrology Other Indicators of Hydrology: (check all that apply and describe) **Hydric Soil Interpretation** Site inundated: 1. Soil Survey Depth to free water in observation hole: Is there a published soil survey for this site? YES Depth to soil saturation in observation hole: Middlesex County 9/02/2021 title/date: Water marks: map number: 23 Drift lines: Hinckley loamy sand soil type mapped: Sediment deposits: hydric soil inclusions: Drainage patterns in BVW: Are field observations consistent with soil survey? YES Oxidized rhizospheres: Remarks: 2. Soil Description Water-stained leaves: Horizon Depth Matrix Color Mottles Color Recorded data (stream. lake. or tidal gauge; aerial photo; other): $O_{I}$ 2-0" Other: 0-5" 10 YR 2/2 Α **Vegetation and Hydrology Conclusion** 10 YR 5/6 В 5-16" Yes No Number of wetland indicator plants ≥ number of non-wetland indicator plants Wetland hydrology present: Remarks: hydric soil present other indicators of hydrology 10' 10" to Wetland Flag # 235 3. Other: present 7' 5" to Wetland Flag # 236 Sample location is in a BVW

Conclusion: Is soil hydric?

NO

Applicant:	Prepared by: <u>B &amp; C Associates Inc.</u>	Project location: North Course - Stow Acres, Stow	DEP File #:
Check all that apply:			
■ Vegetation and other indicators o	f hydrology used to delineate BVW boundar	y: fill out Sections I and II	
☐ Method other than dominance tes	st used (attach additional information)		

Section I. V	<b>egetation</b> Observ	ation Plot Number: 2	Transect Num	ber: <u>B</u>	Date of I	Delineation: 11/18	/2021
	ver and Plant Species n/scientific name)		B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Cate	gory *
Herbaceous:	Spinulose Woodfern	Dryopteris spinulosa	10.5/10.5	100%	Yes	FAC+	*
Shrubs:	Highbush Blueberry Swamp Azalea European Buckthorn	Vaccinium corymbosum Azalea viscosum Rhamnus frangula	10.5 10.5 3.0/24.0	44% 44% 12%	Yes Yes No	FACW- OBL FAC	* *
Saplings:	Red Maple White Birch Black Birch	Acer rubrum Betula papyrifera Betula lenta	20.5 10.5 3.0/34.0	60% 31% 9%	Yes Yes No	FAC FACU FACU	*
Lianas:	Oriental Bittersweet Poison Ivy	Celastrus orbiculatus Toxicodendron radicans	20.5 3.0/23.5	87% 13%	Yes No	UPL FAC	*
Overstory:	White Pine Red Maple White Birch	Pinus strobus Acer rubrum Betula papyrifera	1533.7 962.3 78.2/2574.2	60% 37% 3%	Yes Yes No	FACU FAC FACU	*

<sup>\*</sup> 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, FACH, FACW-, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological or morphological adaptations, describe the adaptation next to the asterisk.

Vegetation conclusion: Number of dominant wetland indicator plants:	5 Number of dominant non-wetland Indicator plant:	3			
Is the number of dominant wetland plants equal to					
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 2110-03 MA DEP;3/95					

Section II. Indicators of Hydrology Hydric Soil Interpretation			Other Indicators of Hydrology: (check all that apply and describe)				
4 Coil Cumus					Site inundated:		
1. Soil Surve	<del>ў</del> У			•	Depth to free water in observation ho	ole:	2"
Is th	ere a published	I soil survey for this site?	YES		Depth to soil saturation in observation	n hole:	0"
	title/date:	Middlesex County	9/02/2021		Water marks:		
	map numbe						
	soil type mapped: Hinckley loamy sand		oamy sand	□ Sediment deposits:			
hydric soil inclusions:			■ Drainage patterns in BVW:				
	field observatio narks:	ns consistent with soil s	urvey? NO		Ovidized shizeephorees		
Ken	iarks:				Oxidized rhizospheres:		
2. Soil Desc	2. Soil Description			■ Water-stained leaves:			
Horizon	Depth	Matrix Color	Mottles Color		Recorded data (stream. lake. or tidal	•	•
$O_A$	0-19"	0-19" 10 YR 2/1			Other:		
				Vege	etation and Hydrology Conclusion		
						Yes	No
					ber of wetland indicator plants mber of non-wetland indicator plants		
Remarks:				Wetla	and hydrology present: hydric soil present		
3. Other:		etland Flag # 235			other indicators of hydrology present	•	
		etland Flag # 236 ongradient from B1		Sam	ple location is in a BVW		

Conclusion: Is soil hydric?

YES

Applicant:	Prepared by: B & C Associates Inc.	Project location: North Course - Stow Acres, Stow	DEP File #:
Check all that apply:			
<ul> <li>Vegetation alone presumed adequ</li> </ul>	uate to delineate BVW boundary: fill out Sec	ction I only	
Vegetation and other indicators of	hydrology used to delineate BVW boundary	y: fill out Sections I and II	
$\hfill \square$ Method other than dominance test	used (attach additional information)		

Section I. Vegetation Observation Plot Number: 1			Transect Num	ber: <u>C</u>	Date of	Date of Delineation: 11/19/2021			
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 Cate	gory *			
Herbaceous:	Hayscented Fern	Dennstaedtia punctilobula	38.0	78%	Yes	UPL			
	Cinnamon Fern	Osmunda cinnamomea	10.5/48.5	22%	Yes	FACW	*		
Shrubs:	Highbush Blueberry	Vaccinium corymbosum	10.5	44%	Yes	FACW-	*		
	Winterberry	llex verticillata	10.5	44%	Yes	FACW+	*		
	Silky Dogwood	Cornus amomum	3.0/24.0	12%	No	FACW	*		
Saplings:	Red Maple	Acer rubrum	20.5	49%	Yes	FAC	*		
, 0	White Pine	Pinus strobus	10.5	25%	Yes	FACU			
	Black Birch	Betula lenta	10.5/41.5	25%	Yes	FACU			
Lianas:	Poison Ivy	Toxicodendron radicans	10.5/10.5	100%	Yes	FAC	*		
Overstory:	Red Oak	Quercus rubra	1929.5	71%	Yes	FACU-			
•	White Pine	Pinus strobus	515.7	19%	No	FACU			
	Tupelo	Nyssa sylvatica	244.0	9%	No	FACW+	*		
	Red Maple	Acer rubrum	28.7/2717.9	1%	No	FAC	*		

Vegetation conclusion: Number of dominant wetland indicator plants:	5 Number of dominant non-wetland Indicator plant:	4					
s the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants?  YES							
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 2110-03 MA DEP;3/95							

<sup>\*</sup> 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+, 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.

Section II. Indicators of Hydrology Hydric Soil Interpretation			Other Indicators of Hydrology: (check all that apply and describe)						
4 Cail Cumus					Site inundated:				
1. Soil Surve	ey			☐ Depth to free water in observation hole:					
ls th	ere a published	soil survey for this site?	YES	☐ Depth to soil saturation in observation hole:					
	title/date:	Middlesex County	9/02/2021		□ Water marks:				
	map number: 23 soil type mapped: Hinckley loamy s			□ Drift lines:					
	soil type ma		oamy sand		□ Sediment deposits:				
	hydric soil inclusions:				Drainage patterns in BVW:				
Are	field observation	ns consistent with soil su	urvey? YES						
Remarks:				Oxidized rhizospheres:					
2. Soil Desc	ription				Water-stained leaves:				
Horizon	Depth	Matrix Color	Mottles Color		Recorded data (stream. lake. or tidal	gauge; aerial	photo; other):		
A	0-7"	10 YR 2/2			Other:				
В	7-19"	7-19" 10 YR 5/3			Vegetation and Hydrology Conclusion				
							No		
					oer of wetland indicator plants mber of non-wetland indicator plants				
Remarks:			Wetland hydrology present: hydric soil present			•			
3. Other:		17' 4" to Wetland Flag # 346			other indicators of hydrology present		•		
	9' 1" to Wetland Flag # 347			Sample location is in a BVW					

Conclusion: Is soil hydric?

NO

Applicant:	Prepared by: <u>B &amp; C Associates Inc.</u>	Project location: North Course - Stow Acres, Stow	DEP File #:
Check all that apply:			
☐ Vegetation alone presumed adequ	ate to delineate BVW boundary: fill out Sec	ction I only	
■ Vegetation and other indicators of	hydrology used to delineate BVW boundary	y: fill out Sections I and II	
$\hfill \square$ Method other than dominance test	used (attach additional information)		

Section I. V	egetation Observ	vation Plot Number: 2	Transect Num	ber: <u>C</u>	Date of	Delineation: 11/19/	<u>/2021</u>
	yer and Plant Species n/scientific name)		B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Cate	gory *
Herbaceous:	Sensitive Fern	Onoclea sensibilis	10.5	54%	Yes	FACW	*
	Spinulose Woodfern	Dryopteris spinulosa	3.0	15%	No	FAC+	*
	Sedge	Carex sp.	3.0	15%	No	FACW+	*
	Royal Fern	Osmunda regalis	3.0/19.5	15%	No	OBL	*
Shrubs:	Highbush Blueberry	Vaccinium corymbosum	10.5	30%	Yes	FACW-	*
	European Buckthorn	Rhamnus frangula	10.5	30%	Yes	FAC	*
	Winterberry	llex verticillata	10.5	30%	Yes	FACW+	*
	Buttonbush	Cephalanthus occidentalis	3.0/34.5	9%	No	OBL	*
Saplings:	Red Maple	Acer rubrum	20.5/20.5	100%	Yes	FAC	*
Lianas:	Poison Ivy	Toxicodendron radicans	10.5/10.5	100%	Yes	FAC	*
Overstory:	Red Oak	Quercus rubra	1615.4	81%	Yes	FACU-	
,	White Pine	Pinus strobus	226.3	11%	No	FACU	
	Tupelo	Nyssa sylvatica	131.1	7%	No	FACW+	*
	Red Maple	Acer rubrum	28.7/2001.5	1%	No	FAC	*
	. toa mapio	, loor rabiant	20.172001.0	1 / 3	110	. ,	

<sup>\*</sup> 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+, 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:	1
Is the number of dominant wetland plants equal t	o or greater than the number of dominant non-wetland plants?	YES

Section II. Indicators of Hydrology Hydric Soil Interpretation		Other Indicators of Hydrology: (check all that apply and describe)						
	•				Site inundated:			
1. Soil Survey				•	Depth to free water in observation ho	ole: <u>.</u> :	<u>5"</u>	
Is there	e a published	soil survey for this site	? YES	•	Depth to soil saturation in observatio	n hole:	0"	
	title/date: Middlesex County 9/02		9/02/2021		Water marks:			
	map number	: 23			Drift lines:			
	soil type mapped: Freetown muck		nuck	□ Sediment deposits:				
	hydric soil inclusions:			■ Drainage patterns in BVW:				
Are fie	ld observation	s consistent with soil s	urvey? YES		• ,			
Remar	ks:				Oxidized rhizospheres:			
2. Soil Descrip	tion				Water-stained leaves:			
Horizon	Depth	Matrix Color	Mottles Color	•	Recorded data (stream. lake. or tidal Elizabeth Brook		•	
$O_A$	0-14"	10 YR 2/1			Other:			
$B_{\mathrm{G}}$	14-18" 10 YR 4/2			Vege	Vegetation and Hydrology Conclusion			
						Yes	No	
					ber of wetland indicator plants mber of non-wetland indicator plants			
Remarks:				Wetla	and hydrology present: hydric soil present	•		
3. Other:		tland Flag # 346			other indicators of hydrology present			
		and Flag # 347 gradient from C1		Sam	ple location is in a BVW			

Conclusion: Is soil hydric?

YES

Resource Area Delineation Plan By Stamski and McNary, Inc.