# NOTICE OF INTENT

PREPARED FOR:

ANDREW & JAMIE CORNELL

2 DRAPERS WOOD ROAD

FISKDALE, MA 01518

FOR PROPERTY LOCATED ON: 130 BROOKFIELD ROAD STURBRIDGE (FISKDALE), MA 01518

PREPARED BY:

SUMMIT ENGINEERING & SURVEY, INC.

710 MAIN STREET

NORTH OXFORD, MA 01537

(508) 987-8713

JOB NO.: 18-111

# TABLE OF CONTENTS

NOTICE OF INTENT	APPLICATION	CHECK LIST	– FORM B
NARRATIVE			

WPA FORM 8A FOR 300-0732

RECORDED EXTENSION 300-0732

FORM 3 – NOTICE OF INTENT

NOI WETLAND FEE TRANSMITTAL FORM

WETLAND RESOURCE EVALUATION PREPARED BY ECOTEC, INC.

AFFIDAVIT OF SERVICE

**CERTIFIED ABUTTERS LIST** 

NOTIFICATION TO ABUTTERS

STURBRIDGE FILING FEE WORKSHEET

FORM STT.A1

CHECK COPIES & STATE FEE RECEIPT

MEETING MINUTES FROM PREVIOUS APPROVAL 300-0732



# Notice of Intent Application Checklist – Form B

	Ollecklist - Follii B
Арр	licant / Property Owner_ Jamie Cornell / Russell LeBlanc
Rep	presentative Summit Engineering & Survey, Inc
Proj	ect Location 130 Brookfield Road
Ass	essor's Information Map 19, SC 173, Parcel 130
	e NOI filed with Conservation
Date	e NOI filed with MA DEP Central Region
<b>V</b>	Complete most recent WPA Form 3 (Notice of Intent Application) and necessary attachments (2 copies)
Ø	Plans and calculations clearly describing the location and nature of the work including all necessary Stormwater documents if applicable (2 copies)
V	An 8.5 x 11 color section of the USGS Quadrangle (topo) identifying the locus and with a scale
V	An 8.5 x 11 copy of the most recent Natural Heritage Map with WH, PH and VP data identifying the locus and with a scale
1	An 8.5 x 11 copy of the FIRM Map identifying the locus and with a scale
	Confirmation that a copy of the NOI was sent to NHESP (if applicable)
V	Copy of the Certified Abutters List (to include all abutters within 200-feet of the subject property) and a copy of the completed Abutter Certification Form
1	Signed Affidavit of Service for Abutter Notification
V	Completed Local Filing Fee Worksheet and NOI Wetland Transmittal Form
V	Filing fee checks, one of the town's portion of the state fee and one for the local fee – both made out to the Town of Sturbridge (See Local Filing Fee Worksheet)
<b>V</b>	Copy of State filing fee check made out to the Commonwealth of MA (1 copy)
V	Tax Form signed by the Sturbridge Tax Collector, notifying the Conservation Commission that the property taxes are paid-to-date (1 copy)
	This Check list is to be filled out and submitted to the Sturbridge Conservation Commission at the time of filing the Notice of Intent Application.
	ase contact me if you have any questions (508)-347-2506 or via email at lburn@town.sturbridge.ma.us.
Con	servation Agent

Town Hall 308 Main Street Sturbridge, MA 01566

# **NARRATIVE**

The Applicant is proposing to construct a new single family residence on a 10.206 acre parcel of land located at 130 Brookfield Road (Map 19, Street Code 173, Parcel 130) with associated site work. Associated site work is to include a paved driveway, connection to public sewer, a drilled well for domestic purposes and required site grading. The property is located within the 100-foot buffer zone of a Bordering Vegetated Wetland associated with an intermittent stream. The lot has an existing Order of Conditions and subsequent Extension, DEP File #300-0732. Both have expired and a WPA Form 8A, Request for Certificate of Compliance has been included in this application packet as none of the work regulated by said Order has been started. The property does not lie within a mapped area of Priority Habitat of Rare Wildlife as determined on MassGIS Oliver data layers produced by Natural Heritage and Endangered Species Program (NHESP). With the exception of the proposed access driveway, all site improvements are mostly located outside the 100 foot buffer zone. The wetland delineation was most recently reviewed by EcoTec, Inc. of Worcester and a copy of their report is included with the filing.

Many factors have changed since the original filing for this property, File No. 300-0732. The previous applicant proposed filling a portion of the wetland with a 2:1 mitigation to access the site. This proposal calls for the sharing of the existing curb cut at #122 Brookfield Road. A second driveway will be constructed from this curb cut and will access the site south easterly of the wetland eliminating the need to fill any resource areas. The current owner of #122 is also the owner of #130 Brookfield Road and will provide the necessary documentation to access #130 across #122 for access and utilities. The first 80 feet of the new driveway will be within the 25-foot no disturbance buffer however, no wetland filling will be required. The driveway has been laid out to follow the existing grade as much as possible. Any cuts or fills along its entire length are around 1 foot and at no point are 2 feet. The maximum grade along the driveway is 6.25%.

There were two issues of concern for the Commission on the previous proposal. One being an area mapped as estimated and priority habitat by Natural Heritage. This area was across the street and downstream from the proposed filled wetland. According to the most recent data layers produce by NHESP this area is no longer mapped as an area of concern and no wetland filling is

proposed. Second was the interruption of water flow from the hillside to the wetland resource area and replication area. With this proposal no replication is proposed or required and the pitch and slope of the driveway have been held from the previous proposal as not to interrupt the flow of surface water. A swale on the uphill side of the driveway was considered for this plan, but a swale of adequate size would require another 6 to 8 feet of width to the proposed disturbance and at some point would create a point discharge and the potential for erosion.

The new residence is proposed to be entirely outside the 100-foot buffer zone. An Eone sewer ejector pump is proposed to connect to municipal sewer. A stub to connect does not currently exist, but permission to connect is being sought. The property is to be serviced by private water source. Two 10-foot diameter drywells have been proposed to infiltrate roof runoff.

Other than the obvious design changes outlined above, several measures have been taken to protect the interest of the Wetlands Protection Act and the Town Sturbridge Wetland Bylaw. The proposed residence has been as far away from all resource areas as possible. Secondly, an erosion and siltation control barrier consisting of silt fence and hay bales or straw wattles has been proposed to control runoff during construction. This barrier will define the limit of work. Thirdly, there are no significant grade changes proposed on the entire site.

Please refer to Summit Engineering & Survey, Inc. design plan, Drawing No. 18-111 for additional information.



# Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

# WPA Form 8A - Request for Certificate of Compliance

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

DEP File Number:

300-0732 Provided by DEP

# A. Project Information

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





Upon completion 3. of the work authorized in an Order of Conditions, the property owner must request a Certificate of Compliance from the issuing authority stating that the work or portion of the work has been satisfactorily completed.

5.

2 Drapers Wood Road  Malling Address Fiskdale City/Town This request is in reference to work regulated by a final Order of Conditions issued to:  Dennis Rearick / Russell LeBlanc  Applicant Osl/20/07 Dated DeP File Number  The project site is located at:  130 Brookfield Road Street Address Map 19 Assessors Map/Plat Number  The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc  Property Owner (if different)  Worcester (South) Order 41935 Ext. 46050 This request is for certification that (check one):  the work regulated by the above-referenced Order of Conditions has been satisfactorily complete.	Jamie & Andrew Cornell Name		
Mailing Address         MA         01518           Fiskdale         MA         State         Zip Code           774-230-3542         Phone Number         This request is in reference to work regulated by a final Order of Conditions issued to:           Dennis Rearick / Russell LeBlanc         Applicant           Applicant         08/20/07         300-0732           Dated         DEP File Number           The project site is located at:         130 Brookfield Road         Sturbridge (Fiskdale)           Streat Address         City/Town           Map 19         Parcel 130           Assessors Map/Plat Number         Parcel/Lot Number           The final Order of Conditions was recorded at the Registry of Deeds for:           Dennis Rearick / Russell LeBlanc           Property Owner (if different)           Worcester (South)         Order 41935         152           County         Ext. 46050         7           N/A         Certificate (if registered land)           This request is for certification that (check one):			
State			
City/Town 774-230-3542 Phone Number This request is in reference to work regulated by a final Order of Conditions issued to:  Dennis Rearick / Russell LeBlanc Applicant 08/20/07 Dated  The project site is located at:  130 Brookfield Road Street Address Map 19 Assessors Map/Plat Number  The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc Property Owner (if different) Worcester (South) County Worcester (South) Order 41935 Ext. 46050 7 N/A Certificate (if registered land) This request is for certification that (check one):		120	24542
774-230-3542 Phone Number  This request is in reference to work regulated by a final Order of Conditions issued to:  Dennis Rearick / Russell LeBlanc  Applicant 08/20/07 Dated  The project site is located at:  130 Brookfield Road Street Address City/Town Map 19 Assessors Map/Plat Number  The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc Property Owner (if different) Worcester (South) Order 41935 Ext. 46050 7  N/A Certificate (if registered land)  This request is for certification that (check one):	112112212		
Phone Number  This request is in reference to work regulated by a final Order of Conditions issued to:  Dennis Rearick / Russell LeBlanc  Applicant 08/20/07 Dated  The project site is located at:  130 Brookfield Road Street Address City/Town Map 19 Assessors Map/Plat Number  The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc  Property Owner (if different) Worcester (South) Order 41935 Ext. 46050 7  N/A  Certificate (if registered land)  This request is for certification that (check one):	Control of the Contro	Sidle	Zip Code
This request is in reference to work regulated by a final Order of Conditions issued to:  Dennis Rearick / Russell LeBlanc  Applicant 08/20/07 Dated  The project site is located at:  130 Brookfield Road Street Address Map 19 Assessors Map/Plat Number  The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc  Property Owner (if different)  Worcester (South) Order 41935 Order 41935 Street Ad050 Order 41935 Order 41935 This request is for certification that (check one):			
Dennis Rearick / Russell LeBlanc  Applicant  08/20/07 Dated  The project site is located at:  130 Brookfield Road Street Address City/Town Map 19 Assessors Map/Plat Number  The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc  Property Owner (if different)  Worcester (South) Order 41935 County N/A  Certificate (if registered land)  This request is for certification that (check one):			
Applicant 08/20/07 Dated DEP File Number  The project site is located at:  130 Brookfield Road Street Address City/Town Map 19 Assessors Map/Plat Number  The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc Property Owner (if different) Worcester (South) Order 41935 Tourney  Worcester (South) Order 41935 Tourney  Ext. 46050 This request is for certification that (check one):	This request is in reference to work	regulated by a final Order of Conditions issue	ed to:
Applicant 08/20/07 Dated DEP File Number  The project site is located at:  130 Brookfield Road Street Address City/Town Map 19 Assessors Map/Plat Number  The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc Property Owner (if different) Worcester (South) Order 41935 Tourney  Worcester (South) Order 41935 Tourney  Ext. 46050 This request is for certification that (check one):	Dennis Regrick / Russell LaRland		
Dated  Dated  Dep File Number  The project site is located at:  130 Brookfield Road Street Address Map 19 Assessors Map/Plat Number  The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc  Property Owner (if different)  Worcester (South) Order 41935 County N/A  Certificate (if registered land)  This request is for certification that (check one):			
Dated Dep File Number  The project site is located at:  130 Brookfield Road Sturbridge (Fiskdale)  Street Address City/Town Map 19 Parcel 130  Assessors Map/Plat Number Parcel/Lot Number  The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc  Property Owner (if different)  Worcester (South) Order 41935 152  County Ext. 46050 7  N/A  Certificate (if registered land)  This request is for certification that (check one):		200.0722	
The project site is located at:  130 Brookfield Road Street Address City/Town Map 19 Assessors Map/Plat Number The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc Property Owner (if different) Worcester (South) Order 41935 County N/A Certificate (if registered land) This request is for certification that (check one):			
130 Brookfield Road Street Address Map 19 Assessors Map/Plat Number The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc Property Owner (if different) Worcester (South) Order 41935 County N/A Certificate (if registered land) This request is for certification that (check one):		DE) The Notitoer	
Street Address  Map 19  Assessors Map/Plat Number  The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc  Property Owner (if different)  Worcester (South)  County  Order 41935  Ext. 46050  7  N/A  Certificate (if registered land)  This request is for certification that (check one):	The project site is located at:		
Street Address  Map 19  Assessors Map/Plat Number  The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc  Property Owner (if different)  Worcester (South)  County  Order 41935  Ext. 46050  7  N/A  Certificate (if registered land)  This request is for certification that (check one):	130 Brookfield Boad	Cturbridge /Field	rdala)
Map 19 Assessors Map/Plat Number  The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc  Property Owner (if different)  Worcester (South)  County  N/A  Certificate (if registered land)  This request is for certification that (check one):	7.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2		(dale)
Assessors Map/Plat Number  The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc  Property Owner (if different)  Worcester (South)  County  N/A  Certificate (if registered land)  This request is for certification that (check one):	31133111331333	35.20 E 10.20 C 10.00 C	
The final Order of Conditions was recorded at the Registry of Deeds for:  Dennis Rearick / Russell LeBlanc  Property Owner (if different)  Worcester (South)  County  N/A  Certificate (if registered land)  This request is for certification that (check one):			
Dennis Rearick / Russell LeBlanc  Property Owner (if different)  Worcester (South)  County  N/A  Certificate (if registered land)  This request is for certification that (check one):	Augustica Mapin lat Mamber	r alcel/Lot Notifice	
Property Owner (if different)  Worcester (South)  County  N/A  Certificate (if registered land)  This request is for certification that (check one):	The final Order of Conditions was re	ecorded at the Registry of Deeds for:	
Property Owner (if different)  Worcester (South)  County  N/A  Certificate (if registered land)  This request is for certification that (check one):	Dannie Rogrick / Russell LaBlanc	Control of the Contro	
Worcester (South) County N/A Certificate (if registered land)  This request is for certification that (check one):			
County Ext. 46050 7  N/A  Certificate (if registered land)  This request is for certification that (check one):	Property Owner (if different)	Order 41035	150
N/A Certificate (if registered land) This request is for certification that (check one):			
Certificate (if registered land) This request is for certification that (check one):	Worcester (South)	Evt 46060	1
This request is for certification that (check one):	Worcester (South)	Ext. 46050	
	Worcester (South) County N/A	Ext. 46050	
☐ the work regulated by the above-referenced Order of Conditions has been satisfactorily complete	Worcester (South) County N/A Certificate (if registered land)		
the work regulated by the above-referenced Order of Conditions has been satisfactorily completed.	Worcester (South) County N/A Certificate (if registered land)		
	Worcester (South) County N/A Certificate (if registered land) This request is for certification that (	(check one);	
	Worcester (South) County N/A Certificate (if registered land) This request is for certification that (	(check one);	

the above-referenced Order of Conditions has lapsed and is therefore no longer valid, and the work regulated by it was never started.



# Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

# WPA Form 8A - Request for Certificate of Compliance

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

**DEP File Number:** 

300-0732 Provided by DEP

A. Project Information (co	nt	n
----------------------------	----	---

6.	an approva	der of Conditions for this project, or the portion of the project subject to this request, contain of any plans stamped by a registered professional engineer, architect, landscape r land surveyor?
	☐ Yes	If yes, attach a written statement by such a professional certifying substantial compliance with the plans and describing what deviation, if any, exists from the plans approved in the Order.
	⊠ No	

# **B. Submittal Requirements**

Requests for Certificates of Compliance should be directed to the issuing authority that issued the final Order of Conditions (OOC). If the project received an OOC from the Conservation Commission, submit this request to that Commission. If the project was issued a Superseding Order of Conditions or was the subject of an Adjudicatory Hearing Final Decision, submit this request to the appropriate DEP Regional Office (see http://www.mass.gov/eea/agencies/massdep/about/contacts/find-the-massdep-regional-officefor-your-city-or-town.html).



Important:

When filling out forms on the

computer, use only the tab

key to move

your cursor -

return key.

do not use the

Massachusetts Department of Environmental Protection N

Bureau of Resource Protection - Wetlands

DEP File Number:

# WPA Form 7 - Extension Permit for Orders of Conditions 300-732

Bk: 46050 Pg: 7,

Provided by DEP

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

A. General Information 1. Applicant: Peter Dupell Page: 1 of 2 07/19/2010 11:07 AM WD 47 bilbert street Mailing Address North Brookfield City/Town State Property Owner (if different): Peter Dupell Name 47 Gilbert Mailing Address North Brookfiel Zip Code State **B.** Authorization The Order of Conditions (or Extension Permit) issued to the applicant or property owner listed above on: Sturbridge Issued by: Conservation Commission Date Lot 130 **Map 19** 130 Brookfield Road for work at: Parcel/Lot Number Assessor's Map/Plat Number Street Address recorded at the Registry of Deeds for: 121 21744 Worcester Page Book County Certificate (if registered land) 8/20/2013 n/a is hereby extended until: Date the Order was last extended (if applicable) Date This date can be no more than 3 years from the expiration date of the Order of Conditions or the latest extension. Only unexpired Orders of Conditions or Extension may be extended. This Extension Permit must be signed by a majority of the Conservation Commission and a copy sent to the applicant and the appropriate DEP Regional Office (http://www.mass.gov/dep/about/region/findyour.htm) Signatures:

Bk: 46050 Pg: 8



To:

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

DEP File Number:

WPA Form 7 - Extension Permit for Orders of Conditions 300-732

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

Provided by DEP

# C. Recording Confirmation

The applicant shall record this document in accordance with General Condition 8 of the Order of Conditions (see below), complete the form attached to this Extension Permit, have it stamped by the Registry of Deeds, and return it to the Conservation Commission.

Note: General Condition 8 of the Order of Conditions requires the applicant, prior to commencement of work, to record the final Order (or in this case, the Extension Permit for the Order of Conditions) in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, it shall be noted in the Registry's Granter Index under the name of the owner of the land upon which the proposed work is to be done. In the case of registered land, it shall also be noted on the Land Court Certificate of Title of the owner of the land upon which the proposed work is done.

Detach this page and submit it to the Conservation Commission prior to the expiration of the Order of Conditions subject to this Extension Permit.

Sturbridge		
Conservation Commission		
Please be advised that the Extension Permit to the	Order of Conditions for the project at:	
130 Brookfield Road	300-732	
Project Location	DEP File Number	
has been recorded at the Registry of Deeds of:		
Worcester		
County		
for:		
Peter Dupell		
Property Owner		
the original Order of Conditions on:    Conditions on:   Date	Book fies this transaction is:	## 150 Page
Instrument Number	1000000	
If registered land, the document number which ident	tifies this transaction is:	
Document Number		
Signature of Applicant		



7a.Project Type:

5. □ Dock/Pier

9. Transportation

1. ☑ Single Family Home

3. Limited Project Driveway Crossing

7. Coastal Engineering Structure

# Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

# WPA Form 3 - Notice of Intent

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

Provided by MassDEP: MassDEP File #: eDEP Transaction #:1005465 City/Town:STURBRIDGE

A.General Inform: 1. Project Location:	ation						
a. Street Address b. City/Town d. Latitude f. Map/Plat #			BRIDGE 70N	e.	Zip Code Longitude Parcel/Lot#	7	01518 22.11973W PARCEL 130
2. Applicant;							
Individual    □ On	ganization						
a. First Name     c. Organization	JAMIE'			b.Last Name	CORNELL		
d. Mailing Address	2 DRAF	PER WOO	DS ROAI	)			
e. City/Town	FISKDA		f. State	MA	g. Zip Code	01518	
h. Phone Number	774-230	)-3542	î. Fax		j. Email	jcornell	_22@yahoo.com
3.Property Owner:							
more than one own	ner						
A. First Name     Organization	RUSSEI	L		b. Last Name	LEBLANC		
d. Mailing Address	122 BR	OOKFIEL	DROAD				
e. City/Town	FISKDA	LE	f.State	MA	g. Zip Code	01518	
h. Phone Number	774-230	-0723	i. Fax		j.Email	Title5by	LSI@gmail.com
1.Representative:						فالمتان	
a. First Name     c. Organization     d. Mailing Address	STEVEN SUMMIT E 710 MAIN		RING & S	b. Last Name URVEY, INC.	BRESSETTE		
e. City/Town	NORTH O	XFORD	f. State	MA	g. Zip Code	01537	
h.Phone Number	508-987-87	713	i.Fax	508-987-8714		sbressette	@summitesinc.com
5.Total WPA Fee Paid (A	Automatically i	nserted fro	m NOI We	etland Fee Transn	nittal Form):	PIC	
a.Total Fee Paid	500.00	b.State I	ee Paid	237.50	c.City/Town Fe	e Paid	262.50
6.General Project Descri	ption:						

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

6. Utilities

4. 

☐ Commercial/Industrial

8. Agriculture (eg., cranberries, forestry)



# Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP: MassDEP File #: eDEP Transaction #:1005465 City/Town:STURBRIDGE

I Yes I No     Limited Project	If yes, describe which limite	ed project applies to this project:	
8.Property recorded at the F	Registry of Deeds for:		
a.County:	b.Certificate:	c.Book: d.	Page:
WORCESTER		48376 39	
	ource Area Impacts (tempo Area Impacts (temporary & perma		
This is a Buffer Zone on Inland Bank, or Coastal Re	lly project - Check if the project is source Area.	located only in the Buffer Zone of a Boro	lering Vegetated Wetland,
2.Inland Resource Areas: (	See 310 CMR 10.54 - 10.58, if no	ot applicable, go to Section B.3. Coastal	Resource Areas)
Resource Area		Size of Proposed Alteration Prop	posed Replacement (if any)
a. F Bank		1. linear feet	2. linear feet
b. ☐ Bordering Vegetated V	Vetland	1. square feet	2. square feet
c. T Land under Waterbodi	es and Waterways	1. Square feet	2. square feet
		3. cubic yards dredged	
d. ☐ Bordering Land Subject	ct to Flooding	1. square feet	2. square feet
		3. cubic feet of flood storage lost	4. cubic feet replaced
e. ☐ Isolated Land Subject	to Flooding	1. square feet	
		2. cubic feet of flood storage lost	3. cubic feet replaced
f. □ Riverfront Area		1. Name of Waterway (if any)	
2. Width of Riverfront A	rea (check one)	☐ 25 ft Designated Densely Dev ☐ 100 ft New agricultural project ☐ 200 ft All other projects	
3. Total area of Riverfro	nt Area on the site of the proposed	d project	•
4. Proposed Alteration o	f the Riverfront Area:		square feet
a. total square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.	
5. Has an alternatives an	alysis been done and is it attached	to this NOI?	F Yes F No



# Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

WPA Form 3 - Notice of Intent Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP: MassDEP File #: eDEP Transaction #:1005465 City/Town:STURBRIDGE

3.Coastal Resource Areas: (S	See 310 CMR 10.25 - 10.35)		
Resource Area	,	Size of Proposed Alteration	Proposed Replacement (if any)
a. T Designated Port Areas	Indicate size under	Land under the ocean t	below,
b. T Land Under the Ocean	1. square feet		
	2. cubic yards dredged		
c. F Barrier Beaches	Indicate size under Coastal I	Beaches and/or Coatstal Dunes, bel	ow
d. Coastal Beaches	1. square feet	2. cubic yards beach no	
e. Coastal Dunes	I. square feet	2. cubic yards dune nou	rishment
f. Coastal Banks	1. linear feet		
g   Rocky Intertidal Shores	1. square feet		
h.   Salt Marshes	1. square feet	2. sq ft restoration, reha	ab, crea.
i.□ Land Under Salt Ponds	1. square feet		
	2. cubic yards dredged		
. Land Containing Shellfish	1. square feet		
k. Fish Runs	Indicate size under Coastal E Under Waterbodies and Wat	Banks, Inland Bank, Land Under the erways, above	e Ocean, and/or inland Land
	cubic yards dredged		
☐ Land Subject to Coastal Storm Flowage	1. square feet		
.Restoration/Enhancement			
Restoration/Replacement			
	of restoring or enhancing a we 3.h above, please entered the ad	tland resource area in addition to the ditional amount here.	ne square footage that has been
a. square feet of BVW	b	square feet of Salt Marsh	
Projects Involves Stream Cros	ssings		
Project Involves Streams Ci	rossings		
the project involves Stream C	Prossings, please enter the numb	per of new stream crossings/number	of replacement stream crossing



# Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

# WPA Form 3 - Notice of Intent

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

Provided by MassDEP: MassDEP File #; eDEP Transaction #:1005465 City/Town:STURBRIDGE

a. number of new stream crossings

b. number of replacement stream crossings

# C. Other Applicable Standards and Requirements

# Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

- Is any portion of the proposed project located in Estimated Habitat of Rare Wildlife as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage of Endangered Species program (NHESP)?
  - a. TYES P No

If yes, include proof of mailing or hand delivery of

NOI to:

Natural Heritage and Endangered Species

Program

Division of Fisheries and Wildlife

1 Rabbit Hill Road

Westborough, MA 01581

# b. Date of map:FROM MASSGIS OLIVER

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18)....

- c. Submit Supplemental Information for Endangered Species Review \* (Check boxes as they apply)
  - 1. ☐ Percentage/acreage of property to be altered:
  - (a) within Wetland Resource Area

percentage/acreage

(b) outside Resource Area

percentage/acreage

- 2. ☐ Assessor's Map or right-of-way plan of site
- 3.1 Project plans for entire project site, including wetland resource areas and areas outside of wetland jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work \*\*
- a. Project description (including description of impacts outside of wetland resource area & buffer zone)
- b. ☐ Photographs representative of the site
- c. T MESA filing fee (fee information available at: <a href="http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/mass-endangered-species-act-mesa/mesa-fee-schedule.html">http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/mass-endangered-species-act-mesa/mesa-fee-schedule.html</a>)

Make check payable to "Natural Heritage & Endangered Species Fund" and mail to NHESP at above address

Projects altering 10 or more acres of land, also submit:

- d. T Vegetation cover type map of site
- e. F Project plans showing Priority & Estimated Habitat boundaries
- d. OR Check One of the following
  - 1. Project is exempt from MESA review. Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, <a href="http://www.mass.gov/eea/agencies/dfg/dfw/laws-regulations/cmr/321-cmr-1000-massachusetts-endangered-species-act.html#10.14">http://www.mass.gov/eea/agencies/dfg/dfw/laws-regulations/cmr/321-cmr-1000-massachusetts-endangered-species-act.html#10.14</a>; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)
  - 2. F Separate MESA review ongoing.
    - a. NHESP Tracking Number
    - b. Date submitted to NHESP



# Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

# WPA Form 3 - Notice of Intent

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

Provided by MassDEP: MassDEP File#; eDEP Transaction#:1005465 City/Town:STURBRIDGE

3. F Separate MESA review completed.

Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

- \* Some projects not in Estimated Habitat may be located in Priority Habitat, and require NHESP review...
- For coastal projects only, is any portion of the proposed project located below the mean high waterline or in a fish run?
   a. ▼ Not applicable project is in inland resource area only
  - b. TYEST NO

If yes, include proof of mailing or hand delivery of NOI to either:

South Shore - Cohasset to Rhode Island, and the Cape & Islands:

North Shore - Hull to New Hampshire:

Division of Marine Fisheries -Southeast Marine Fisheries Station Attn: Environmental Reviewer 1213 Purchase street - 3rd floor New Bedford, MA 02740-6694 Division of Marine Fisheries -

North Shore Office Attn: Environmental

Reviewer

30 Emerson Avenue Gloucester, MA 01930

If yes, it may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional office.

3. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

If yes, provide name of ACEC (see instructions to WPA Form 3 or DEP Website for ACEC locations). **Note:** electronic filers click on Website.

- b. ACEC Name
- Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4,00?
  - a TYES VINC
- Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L.c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L.c. 130, § 105)?
  - a. □Yes ₩No
- 6. Is this project subject to provisions of the MassDEP Stormwater Management Standards?
  - a. T Yes, Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
    - Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook
       Vol.2, Chapter 3)
    - 2. A portion of the site constitutes redevelopment
    - 3. Proprietary BMPs are included in the Stormwater Management System
  - b. ₩ No, Explain why the project is exempt:
    - 1. Single Family Home



# Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands WPA Form 3 - Notice of Intent

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

Provided by MassDEP: MassDEP File #: eDEP Transaction #:1005465 City/Town:STURBRIDGE

F.	FPPS

E. Fees	
Fee Exempt: No filing fee shall be assessed for projects tribe housing authority, municipal housing authority, or	of any city, town, county, or district of the Commonwealth, federally recognized Indian r the Massachusetts Bay Transportation Authority.
Applicants must submit the following information (in addition	on to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:
2. Municipal Check Number	3. Check date.
4. State Check Number	5. Check date
6 Payer name on check: First Name	7. Payer name on check: Last Name
F. Signatures and Submittal Requirements	
and complete to the best of my knowledge. I understand that the at the expense of the applicant in accordance with the wetlands re I further certify under penalties of perjury that all abutters were n	Notice of Intent and accompanying plans, documents, and supporting data are true Conservation Commission will place notification of this Notice in a local newspaper egulations, 310 CMR 10.05(5)(a).  otified of this application, pursuant to the requirements of M.G.L. c. 131, 5 40, and delivery or certified mail (return receipt requested) to all abutters within 100 feet
Jamie Cornell	4/13/2018
1. Signature of Applicant	2. Date
Russell LeBlanc	4/13/2018
3. Signature of Property Owner(if different)	4. Date
Steven M. Bressette	4/13/2018
5. Signature of Representative (if any)	6. Date
For Conservation Commission:	
I'wo copies of the completed Notice of Intent (Form 3), including Form, and the city/town fee payment, to the Conservation Commis	supporting plans and documents, two copies of the NOI Wetland Fee Transmittal ssion by certified mail or hand delivery.
For MassDEP:	
One copy of the completed Notice of Intent (Form 3), including sund a copy of the state fee payment to the MassDEP Regional Office.	upporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, ice (see Instructions) by certified mail or hand delivery.
Other:	
f the applicant has checked the "yes" box in Section C, Items 1-3,	, above, refer to that section and the Instructions for additional submittal

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

Page 7 of 7 \* ELECTRONIC COPY



# Massachusetts Department of Environmental Protection Provided by MassDEP: Bureau of Resource Protection - Wetlands MassDEP File #:

# WPA Form 3 - Notice of Wetland FeeTransmittal Form

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

Provided by MassDEP: MassDEP File #: eDEP Transaction #:1005465 City/Town:STURBRIDGE

# A. Applicant Information

1. Applicant:					
a. First Name	JAMIE'		b.Last Name	CORNELL	
<ul> <li>c. Organization</li> </ul>					
d. Mailing Address	2 DRAPER W	OODS RO.	AD		
e. City/Town	FISKDALE	f. State	MA	g. Zip Code	01518
h. Phone Number	7742303542	i. Fax		j. Email	jcomell_22@yahoo.com
2.Property Owner:(if diffe	rent)				
a. First Name	RUSSELL		b. Last Name	LEBLANC	
c. Organization					
d. Mailing Address	122 BROOKFI	ELD ROA	D		
e. City/Town	FISKDALE	f.State	MA	g. Zip Code	01518
h, Phone Number	7742300723	i. Fax		j.Email	Title5byLSI@gmail.com
3. Project Location:				0.005	
a. Street Address	130 BROOK	FIELD RO	DAD	b. City/Tow	n STURBRIDGE
Assume the Control of	T9 E WOULDAN	CELLOT	TID BIOD		

Are you exempted from Fee? ☐ (YOU HAVE SELECTED 'NO')

Note: Fee will be exempted if you are one of the following:

- City/Town/County/District
- Municipal Housing Authority
- Indian Tribe Housing Authority
- MBTA

State agencies are only exempt if the fee is less than \$100

# B. Fees

Activity Type	Activity Number	Activity Fee	RF Multiplier	Sub Total
A.) CONSTRUCTION OF SINGLE FAMILY HOUSE;	I	500.00		500.00
	City/Town \$262.50	share of filling fee	State share of filing fee \$237.50	Total Project Fee \$500,00

# EcoTec, Inc.

# ENVIRONMENTAL CONSULTING SERVICES

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

April 2, 2018

Steve Bressette Summit Engineering & Surveying, Inc. 710 Main Street North Oxford, MA 01532

RE: Wetland Resource Evaluation, 130 Brookfield Road, Sturbridge, Massachusetts

Dear Mr. Bressette:

On March 30, 2018, EcoTec, Inc. inspected the above-referenced property for the presence of wetland resources as defined by: (1) the Massachusetts Wetlands Protection Act (M.G.L. Ch. 131, § 40; the "Act") and its implementing regulations (310 CMR 10.00 et seq.; the "Regulations"); (2) the U.S. Clean Water Act (i.e., Section 404 and 401 wetlands); and (3) the Town of Sturbridge Wetlands Protection Bylaw. Scott Morrison, RPSS conducted the inspection.

The subject site consists of a 4.44-acre parcel located to the east of Brookfield Road. EcoTec reviewed, adjusted and re-delineated wetlands within the vicinity of a proposed single-family home located in the south-central portion of the site. The upland portions of the site consist of undeveloped forest. Plant species observed include northern red oak (Quercus rubra), white oak (Ouercus alba), eastern white pine (Pinus strobus), black cherry (Prunus serotina), red maple (Acer rubrum), sugar maple (Acer saccharum), white ash (Fraxinus americana) and black birch (Betula lenta) trees and/or saplings; poison ivy (Toxicodendron radicans) climbing woody vines; American witch-hazel (Hamamelis virginiana), highbush blueberry (Vaccinium corymbosum), mountain laurel (Kalmia latifolia), eastern red cedar (Juniperus virginiana), American hazel-nut (Corylus americana), black huckleberry (Gaylussacia baccata) and maple-leaf viburnum (Viburnum acerifolium) shrubs; and sheep-laurel (Kalmia angustifolia), lowbush blueberry (Vaccinium angustifolium), wild sarsaparilla (Aralia nudicaulis), tree clubmoss (Lycopodium obscurum), trailing clubmoss (Lycopodium complanatum), bracken fern (Pteridium aquilinum), hayscented fern (Dennstaedtia punctilobula), teaberry (Gaultheria procumbens), partridge-berry (Mitchella repens), feather false-Solomon's-seal (Smilacina racemosa), wild-lily-of-the-valley (Maianthemum canadense), striped pipsissewa (Chimaphila maculata), and Indian pipe (Monotropa uniflora) ground cover. The wetland resources observed on the site are described below.

# Methodology

The site was inspected, and areas suspected to qualify as wetland resources were identified. The boundary of Bordering Vegetated Wetlands was delineated in the field in accordance with the

130 Brookfield Road April 2, 2018 Page 2.

definition set forth in the regulations at 310 CMR 10.55(2)(c). Section 10.55(2)(c) states that "The boundary of Bordering Vegetated Wetlands is the line within which 50% or more of the vegetational community consists of wetland indicator plants and saturated or inundated conditions exist." The methodology used to delineate Bordering Vegetated Wetlands is further described in: (1) the BVW Policy "BVW: Bordering Vegetated Wetlands Delineation Criteria and Methodology," issued March 1, 1995; and (2) "Delineating Bordering Vegetated Wetlands Under the Massachusetts Wetlands Protection Act: A Handbook," produced by the Massachusetts Department of Environmental Protection, dated March 1995. The plant taxonomy used in this report is based on the National List of Plant Species that Occur in Wetlands: Massachusetts (Fish and Wildlife Service, U.S. Department of the Interior, 1988). Federal wetlands were presumed to have boundaries conterminous with the delineated Bordering Vegetated Wetlands. One set of DEP Bordering Vegetated Wetland Delineation Field Data Forms completed for observation plots located in the wetlands and uplands near flag A-3 is attached. The table below provides the Flag Numbers, Flag Type, and Wetland Types and Locations for the delineated wetland resources.

Flag Numbers	Flag Type	Wetland Types and Locations
Start 100 to 111 Stop	Pink Flags*	Boundary of Bordering Vegetated Wetlands located in the northwestern portion of the site that is associated with an intermittent stream.  • Flags 100 & 101 were relocated with Blue flagging
Start A1 to A16 Stop	Blue Flags	Boundary of Bordering Vegetated Wetlands located in the eastern portion of the site that is associated with an intermittent stream.

# Findings

Wetland 100 series and A (i.e., flags 100 to 111 and A1 to A16) consists of a forested swamp located in the northwestern and eastern portions of the site that is associated with an intermittent stream. It should be noted that the wetlands were previously located by instrument survey and EcoTec reviewed and adjusted the delineation to ensure accuracy. Several wetland flags were missing in the eastern (rear) portion of the site. Therefore, this portion of the site was redelineated by EcoTec. Plant species observed include red maple (Acer rubrum), yellow birch (Betula alleghaniensis), gray birch (Betula populifolia), and American elm (Ulmus americana) trees and/or saplings; poison ivy (Toxicodendron radicans) climbing woody vines; highbush blueberry (Vaccinium corymbosum), common winterberry (Ilex verticillata), northern spicebush (Lindera benzoin), speckled alder (Alnus rugosa), silky dogwood (Cornus amomum), and American elderberry (Sambucus canadensis) shrubs; and bristly blackberry (Rubus hispidus), cinnamon fern (Osmunda cinnamomea), sensitive fern (Onoclea sensibilis), spinulose woodfern (Dryopteris spinulosa), skunk-cabbage (Symplocarpus foetidus), swamp Jack-in-the-pulpit (Arisaema triphyllum), Alaska goldthread (Coptis trifolia), spotted touch-me-not (Impatiens capensis), shining clubmoss (Lycopodium lucidulum), and sphagnum moss (Sphagnum sp.) ground cover. Evidence of wetland hydrology, including hydric soils, high groundwater,

EcoTec, Inc.

130 Brookfield Road April 2, 2018 Page 3.

saturated soils, and drainage patterns, was observed within the delineated wetland. This vegetated wetland borders an intermittent stream; accordingly, the vegetated wetlands would be regulated as Bordering Vegetated Wetlands and the intermittent stream would be regulated as Bank under the Act and Bylaw. A 100-foot Buffer Zone extends horizontally outward from the edge of Bordering Vegetated Wetlands under the Act and a 200-foot Buffer Zone extends outward under the Bylaw.

Bordering Land Subject to Flooding is an area that floods due to a rise in floodwaters from a bordering waterway or water body. Where flood studies have been completed, the boundary of Bordering Land Subject to Flooding is based upon flood profile data prepared by the National Flood Insurance Program. Section 10.57(2)(a)3. states that "The boundary of Bordering Land Subject to Flooding is the estimated maximum lateral extent of flood water which will theoretically result from the statistical 100-year frequency storm." Based upon a review of FEMA map 2502700763E, the site is located outside of the 100-year flood zone. The project engineer should review the most recent National Flood Insurance Program flood profile data to confirm that Bordering Land Subject to Flooding does not occur on the site. Bordering Land Subject to Flooding would occur in areas where the 100-year flood elevation is located outside of or upgradient of the delineated Bordering Vegetated Wetlands boundary. Bordering Land Subject to Flooding does not have a Buffer Zone under the Act.

The Massachusetts Rivers Protection Act amended the Act to establish an additional wetland resource area: Riverfront Area. Based upon a review of the current USGS Map (i.e., Warren Quadrangle, dated 1982, attached) and observations made during the site inspection, a stream that is shown as intermittent or is not shown on the USGS Map is located in the western portion of the site. The watershed area for this stream at the site was determined to be 0.15 square miles, which is less than 0.5 square miles (see attached watershed calculations). As such, the stream would be designated intermittent under the Massachusetts Wetlands Protection Act regulations. Furthermore, based upon a review of the current USGS Map and observations made during the site inspection, there are no other mapped or unmapped streams located within 200 feet of the site. Accordingly, Riverfront Area would not occur on the site. Riverfront Area does not have a Buffer Zone under the Act.

The Regulations require that no project may be permitted that will have any adverse effect on specified habitat sites of rare vertebrate or invertebrate species, as identified by procedures set forth at 310 CMR 10.59. Based upon a review of the *Massachusetts Natural Heritage Atlas*, 13<sup>th</sup> edition, Priority Habitats and Estimated Habitats, valid from August 1, 2017, there are no Estimated Habitats [for use with the Act and Regulations (310 CMR 10.00 et seq.)], Priority Habitats [for use with Massachusetts Endangered Species Act (M.G.L. Ch. 131A; "MESA") and MESA Regulations (321 CMR 10.00 et seq.)], or Certified Vernal Pools on or in the immediate vicinity of the site. A copy of this map is attached.

EcoTec, Inc.

130 Brookfield Road April 2, 2018 Page 4.

The reader should be aware that the regulatory authority for determining wetland jurisdiction rests with local, state, and federal authorities. A brief description of my experience and qualifications is attached. If you have any questions, please feel free to contact me at any time.

Cordially, ECOTEC, INC.

Scott M. Morrison, RPSS

Senior Environmental Scientist

Attachments (6, 8 pages)

17/E/Sturb130BrookfieldRdReport

# EcoTec, Inc.

# ENVIRONMENTAL CONSULTING SERVICES

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

Scott M. Morrison, PWS, RPSS, SE Senior Environmental Scientist

Scott Morrison is a Senior Environmental Scientist with EcoTec, Inc. Since joining EcoTec in 2000, Mr. Morrison's project experience include wetland resource evaluation, delineation, and permitting at the local, state, and federal levels; wildlife habitat evaluation; pond and stream evaluation; vernal pool evaluation, monitoring, and certification; wetland replacement, replication, and restoration area design, construction, and monitoring; soil evaluations to determine infiltration rates and seasonal high groundwater elevations for detention basin construction; environmental sampling and analysis tasks, including soil and groundwater sample collection and handling; and expert testimony preparation. He has conducted rare species habitat assessments for the eastern box turtle, wood turtle, Blanding's turtle, spotted turtle, and marbled salamander. He has participated in rare species studies for rare species including the marbled salamander, piping plover, eastern box turtle, and northern diamondback terrapin and developed mitigation strategies for the marbled salamander, spotted turtle, eastern box turtle and wood turtle. He has participated in visual preconstruction sweeps for the wood turtle and both preconstruction and research projects for the eastern box turtle. He has served as a consultant to municipalities, conservation commissions, engineering and survey firms. He has completed numerous wetland related projects including environmental impact assessments for proposed development, erosion control and environmental monitoring for subdivisions, commercial developments, golf courses and landfills. He has prepared Massachusetts Environmental Policy Act (MEPA) documentation, including Environmental Notification Forms (ENFs), Notice of Project Changes (NPCs), and Draft and Final Environmental Impact Reports (EIRs) including Green House Gas Assessments for various projects including subdivisions, commercial buildings, and dredging projects. Prior to joining EcoTec, Inc. Mr. Morrison worked for the Massachusetts Department of Environmental Management (currently the Department of Conservation and Recreation) where he was involved with the monitoring and protection of endangered species and rare old growth forest. He was an active member of the Spencer Conservation Commission from 1998 to 2000 where he provided oversight of proposed wetland replication projects and review of projects submitted for wetland permitting. His educational background includes courses in forestry, ecology, chemistry, soils, and natural resource policy. His prior research experience includes research on forest succession and field research on nesting piping plovers, an endangered coastal shore bird.

Education: Graduate Soil Science Certificate Program

University of Massachusetts at Amherst, 2006

Bachelor of Science: Natural Resource Studies

University of Massachusetts at Amherst, 1998

Associate of Science: Business Administration Quinsigamond Community College, 1996

Professional Affiliations: Registered Professional Soil Scientist, Society of Soil Scientists of

Southern New England (SSSSNE)

Massachusetts Association of Conservation Commissioners

Association of Massachusetts Wetland Scientists

Society of Wetland Scientists

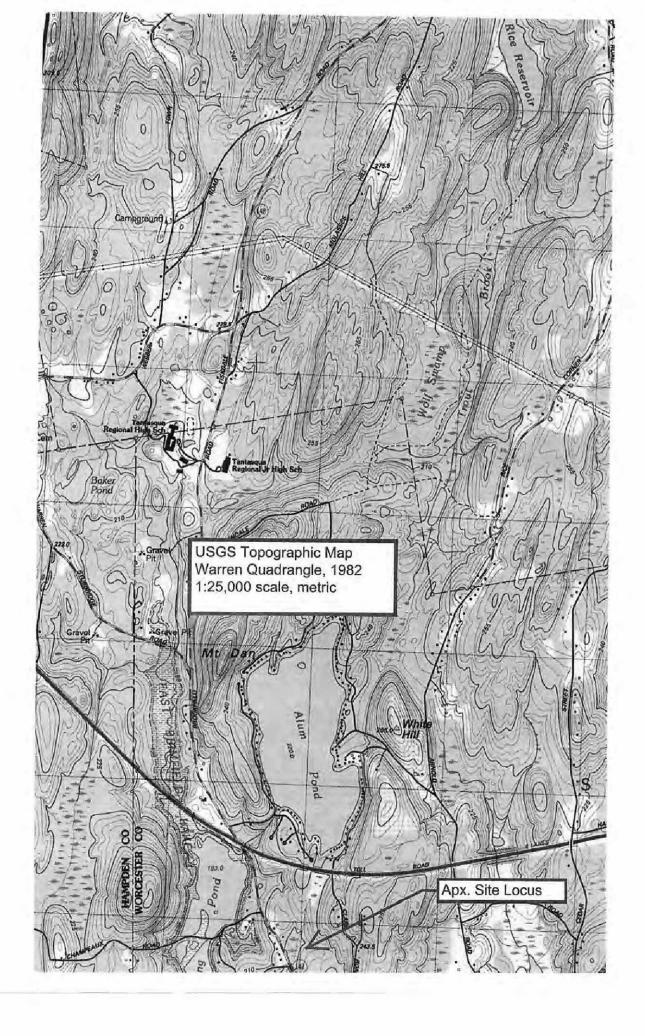
Certifications: Society of Wetlands Scientists Professional Wetland Scientist.

Certification Number 2583

Massachusetts Department of Environmental Protection Soil Evaluator,

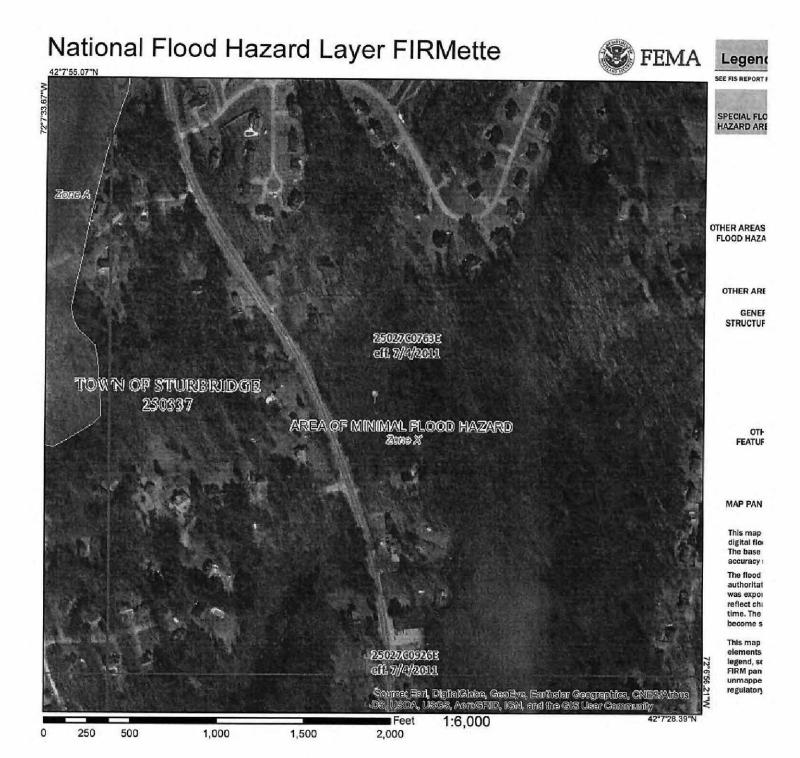
Certification Number SE 13766

OSHA Health and Safety Training, 40-Hour, 29 CFR 1910.120



# Natural Heritage Atlas Online Data Viewer Output 4.2.18 - 130 Brookfield Rd





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

Applicant	int	Prepared by: EcoTec, Inc	Project Location: 130 Brookfeild Rd., Sturbrid	turbrid, DEP File #	#	
Section I.	Section I. Vegetation	Observation Plot Number: A-3	Transect # Upland		Date of Delin: 3/30/2018	
A. San (Enter lar <sub>l</sub>	<ul><li>A. Sample layer and plant species (Enter largest to smallest % cover by layer)</li></ul>	species over by layer)	Percent Cover (or basal area) Percent Dominance	Dominant Plant?	Wetland Indicator Category	
Tree Sapling	sugar maple red maple none	Acer rubrum	50	25.0 YES 75.0 YES	FACU- FAC	*
Shrub	white pine mountain laurel witch hazel	Pinus strobus Kalmia latifolia Hamamelis virginiana	20 40 20	25.0 YES 50.0 YES 25.0 YES	FACU FACU FAC-	-
Ground	hay-scented ferr	hay-scented fern Dennstaedtia punctilobula	09	100.0 YES	NF	
Vine						- 1
Vogetatio	Varatation Conclusions					

vegetation Conclusions				
Number of dominant wetland indicator plants	Н	Number of dominan	it non-wetland indicator plants	Ŋ
Is the number of dominant wetland plants equal or greater than t	he number of dominant non	nt non-wetland plants?	NO	

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

Applicant	Prepared by: EcoTec, Inc	Project Location: 130 Brookfield Rd., Sturbridge	DEP File #
Section II. Indicators of Hydrology	Number: A-3	Transect # Upland Date	Date of Delin: 3/30/2018
1. Soil Survey		Other Indicators of hydrology (check all that apply).	
Is there a published soil survey for this site?	his site?	Site Inundated	
title/date		Depth to free water in observation hole	
map number soil type manned		Depth to soil saturation in observation hole	
hydric soil inclusions		□ vater marks □ Drift lines	
Are field observarions consistent with soil survey?	th soil survey?	Sediment Deposits	
Remarks:		☐ Drainage patterns in BVWs ☐ Oxidized rhizospheres ☐ Water stained leaves	
2. Soil Description		Recorded data (stream, lake, or tidal gauge; aerial photo; other):	shoto; other):
Horizon Depth (inches)	Matrix Color Mottle Color	Other	
	10YR 3/2	THE REPORT OF THE PARTY OF THE	
6-12+	10YR 4/4		
		Vegetation and Hydrology Conclusion	
		Number of wetland indicator plants ≥	Yes No
Remarks		number of non-wetland indicator plants	<u> </u>
3. Other fine sandy loam		Wetland hydrology present: Hydric soil present Other indicators of hydrology present	D D
Conclusion: Is the soil hydric?	'dric? No	Sample Location is in a BVW	5



# Town of Sturbridge

# Conservation Commission

# STURBRIDGE CONSERVATION COMMISSION AFFIDAVIT OF SERVICE

I. Steven M. Bressette hereby	
, nercey	
X A Notice of Intent OR A Request for Determination OR An Abbreviated Notice of Resource Area D	elineation
that was filed under the Massachusetts Wetlands Proby Russell LeBlanc with the Sturbrid on (date) 4/(3/18 for the property 130 Brookfield Road	lge Conservation Commission
The form of the Notification and a list of abutters to included in the application file.  Steam Butter ages for (signature of applicant) (date)	whom it was given and their addresses are
Russell LeBlanc (name of applicant-printed or typed)	

173-01926-140       ALITZ-POLGA ALUN R         173-01926-125       ANDERSON EDWIN HOYLE III         173-01936-120       AZARGOON LAYLA         215-01938-081       BERGERON DENNIS         215-01938-083       BERGERON DENNIS         173-01925-137       BROWN CLYDE W         215-01938-085       CANTWELL TODD         248-01916-028       COOPER GIL         248-01916-030       CUTLER MICHAEL F         215-01938-083       DEBARI CHRISTOPHER         173-01916-140A       DONOVAN JARROD D         173-01936-116       GALONEK REBECCA         173-01936-116       GALONEK REBECCA         173-01936-120       HARVEY BRYAN M         465-01935-008       HARNEY BRYAN M         173-01925-131       GINGELL STEPHEN A         173-01925-132       LEBLANC RUSSELL B         173-01925-139       MENARD GEORGE K         173-01925-141       PALMER PATRICIA         215-01928-093       ROWLEY WALTER J         248-01916-024       T REARDON BUILDERS INC         248-01916-032       VARNEY MARK A         215-01938-014       VILANDRE MICHAEL A         173-01936-114       VILANDRE MICHAEL A         173-01938-079       WISEMAN STEPHEN	140 BROOKFIELD ROAD 125 BROOKFIELD ROAD 313 WOODBRIDGE BLVD 81 CLARKE ROAD 137 BROOKFIELD ROAD 137 BROOKFIELD ROAD 28 DRAPER WOODS ROAD 30 DRAPER WOODS ROAD 140A BROOKFIELD ROAD P.O. BOX 1155 1131 BROOKFIELD ROAD 8 NORTH DRIVE	FISKDALE FISKDALE MANDEVILLE FISKDALE FISKDALE FISKDALE FISKDALE	MA	01518	
ANDERSON EDWIN HOYLE III  AZARGOON LAYLA BERGERON DENNIS BOURASSA EDWARD G BROWN CLYDE W CANTWELL TODD COOPER GIL CUTLER MICHAEL F DEBARI CHRISTOPHER A DONOVAN JARROD D GALONEK REBECCA GINGELL STEPHEN A HARVEY BRYAN M LEBLANC RUSSELL B MENARD GEORGE K PALMER PATRICIA RICCI DAVID M ROWLEY WALTER J SIMPSON JANE E T REARDON BUILDERS INC VARNEY MARK A VILANDRE MICHAEL A		FISKDALE MANDEVILLE FISKDALE FISKDALE FISKDALE FISKDALE FISKDALE		UISIS	
AZARGOON LAYLA BERGERON DENNIS BOURASSA EDWARD G BROWN CLYDE W CANTWELL TODD COOPER GIL CUTLER MICHAEL F DEBARI CHRISTOPHER A DONOVAN JARROD D GALONEK REBECCA GINGELL STEPHEN A HARVEY BRYAN M LEBLANC RUSSELL B MENARD GEORGE K PALMER PATRICIA RICCI DAVID M ROWLEY WALTER J SIMPSON JANE E T REARDON BUILDERS INC VARNEY MARK A VILANDRE MICHAEL A		MANDEVILLE FISKDALE FISKDALE FISKDALE FISKDALE	HIVIN A	1110	U1518 140 BROOKFIELD ROAD
BERGERON DENNIS BOURASSA EDWARD G BROWN CLYDE W CANTWELL TODD COOPER GIL CUTLER MICHAEL F DEBARI CHRISTOPHER A DONOVAN JARROD D GALONEK REBECCA GINGELL STEPHEN A HARVEY BRYAN M LEBLANC RUSSELL B MENARD GEORGE K PALMER PATRICIA RICCI DAVID M ROWLEY WALTER J SIMPSON JANE E T REARDON BUILDERS INC VARNEY MARK A T REARDON BUILDERS INC VARNEY MARK A VILANDRE MICHAEL A	00	FISKDALE FISKDALE FISKDALE FISKDALE FISKDALE	IMA	01518	01518 125 BROOKFIELD ROAD
BOURASSA EDWARD G BROWN CLYDE W CANTWELL TODD COOPER GIL CUTLER MICHAEL F DEBARI CHRISTOPHER A DONOVAN JARROD D GALONEK REBECCA GINGELL STEPHEN A HARVEY BRYAN M LEBLANC RUSSELL B MENARD GEORGE K PALMER PATRICIA RICCI DAVID M ROWLEY WALTER J SIMPSON JANE E T REARDON BUILDERS INC VARNEY MARK A  VIRANDRE MICHAEL A VILANDRE MICHAEL A		FISKDALE FISKDALE FISKDALE FISKDALE	L'A	70471	70471 120 BROOKFIELD ROAD
BUUKASSA EDWARD G BROWN CLYDE W CANTWELL TODD COOPER GIL CUTLER MICHAEL F DEBARI CHRISTOPHER A DONOVAN JARROD D GALONEK REBECCA GINGELL STEPHEN A HARVEY BRYAN M LEBLANC RUSSELL B MENARD GEORGE K PALMER PATRICIA RICCI DAVID M RICCI DAVID M RICCI DAVID M ROWLEY WALTER J SIMPSON JANE E T REARDON BUILDERS INC VARNEY MARK A T REARDON BUILDERS INC VARNEY MARK A  VILANDRE MICHAEL A VILANDRE MICHAEL A VILANDRE MICHAEL A VILANDRE MICHAEL A VILANDRE MICHAEL A	90	FISKDALE FISKDALE FISKDALE	MA	01518	01518 81 CLARKE ROAD
BROWN CLYDE W CANTWELL TODD COOPER GIL CUTLER MICHAEL F DEBARI CHRISTOPHER A DONOVAN JARROD D GALONEK REBECCA GINGELL STEPHEN A HARVEY BRYAN M LEBLANC RUSSELL B MENARD GEORGE K PALMER PATRICIA RICCI DAVID M RICCI DAVID M RICCI DAVID M RICCI DAVID M T REARDON BUILDERS INC VARNEY MARK A  YIZNITSKY JACOB  YIZNITSKY JACOB		FISKDALE FISKDALE	MA	01518	01518 133 BROOKFIELD ROAD
CANTWELL TODD COOPER GIL CUTLER MICHAEL F DEBARI CHRISTOPHER A DONOVAN JARROD D GALONEK REBECCA GINGELL STEPHEN A HARVEY BRYAN M LEBLANC RUSSELL B MENARD GEORGE K PALMER PATRICIA RICCI DAVID M ROWLEY WALTER J SIMPSON JANE E T REARDON BUILDERS INC VARNEY MARK A SIMPSON BUILDERS INC VIRANDRE MICHAEL A SIZNITSKY JACOB		FISKDALE	MA	01518	01518 137 BROOKEIELD BOAD
COOPER GIL CUTLER MICHAEL F DEBARI CHRISTOPHER A DONOVAN JARROD D GALONEK REBECCA GINGELL STEPHEN A HARVEY BRYAN M LEBLANC RUSSELL B MENARD GEORGE K PALMER PATRICIA RICCI DAVID M RICCI DAVID M RICCI DAVID M RICCI DAVID M T REARDON BUILDERS INC VARNEY MARK A SIMPSON JANE E T REARDON BUILDERS INC VARNEY MARK A SIMPSON JANE E T REARDON BUILDERS INC VARNEY MARK A SIMPSON JANE E T REARDON BUILDERS INC VARNEY MARK A SIMPSON JANE E T REARDON BUILDERS INC VARNEY MARK A SIMPSON JANE E T REARDON BUILDERS INC VARNEY MARK A SIMPSON JANE E T REARDON BUILDERS INC VARNEY MARK A SIMITSKY JACOB		EICVDALE	MA	01518	01518 SE CLABUE BOAR
A DONOVAN JARROD D GALONEK REBECCA GINGELL STEPHEN A HARVEY BRYAN M LEBLANC RUSSELL B MENARD GEORGE K PALMER PATRICIA RICCI DAVID M ROWLEY WALTER J SIMPSON JANE E T REARDON BUILDERS INC T REARDON BUILDERS INC VARNEY MARK A VILANDRE MICHAEL A			MA	01510	39 DRAPER HOAD
A DONOVAN JARROD D GALONEK REBECCA GINGELL STEPHEN A HARVEY BRYAN M LEBLANC RUSSELL B MENARD GEORGE K PALMER PATRICIA RICCI DAVID M RICCI DAVID M ROWLEY WALTER J SIMPSON JANE E T REARDON BUILDERS INC VARNEY MARK A  VIRANDRE MICHAEL A VILANDRE MICHAEL A VILANDR		FISKDALE	MA	01518	01518 30 DRABER WOODS ROAD
A DONOVAN JARROD D GALONEK REBECCA GINGELL STEPHEN A HARVEY BRYAN M LEBLANC RUSSELL B MENARD GEORGE K PALMER PATRICIA RICCI DAVID M ROWLEY WALTER J SIMPSON JANE E T REARDON BUILDERS INC T REARDON BUILDERS INC VARNEY MARK A VILANDRE MICHAEL A		FISKDALE	MA	01518	01518 83 CLABKE BOAD
GALONEK REBECCA GINGELL STEPHEN A HARVEY BRYAN M LEBLANC RUSSELL B MENARD GEORGE K PALMER PATRICIA RICCI DAVID M ROWLEY WALTER J SIMPSON JANE E T REARDON BUILDERS INC T REARDON BUILDERS INC VARNEY MARK A VILANDRE MICHAEL A WISEMAN STEPHEN		FISKDALE	MA	01518	01518 1404 BROOKEIELD BOAD
GINGELL STEPHEN A HARVEY BRYAN M LEBLANC RUSSELL B MENARD GEORGE K PALMER PATRICIA RICCI DAVID M ROWLEY WALTER J SIMPSON JANE E T REARDON BUILDERS INC VARNEY MARK A VILANDRE MICHAEL A		STURBRIDGE	MA	01566	01566 116 BROOKEIELD BOAD
HARVEY BRYAN M  LEBLANC RUSSELL B  MENARD GEORGE K  PALMER PATRICIA  RICCI DAVID M  ROWLEY WALTER J  SIMPSON JANE E  T REARDON BUILDERS INC  T REARDON BUILDERS INC  VARNEY MARK A  VILANDRE MICHAEL A  VILAND		FISKDALE	MA	01518	01518 131 BROOKEIELD BOAD
LEBLANC RUSSELL B MENARD GEORGE K PALMER PATRICIA RICCI DAVID M ROWLEY WALTER J SIMPSON JANE E T REARDON BUILDERS INC T REARDON BUILDERS INC VARNEY MARK A VILANDRE MICHAEL A VILANDRE M		FISKDALE	MA	01518	01518 8 NORTH DRIVE
MENARD GEORGE K PALMER PATRICIA RICCI DAVID M ROWLEY WALTER J SIMPSON JANE E T REARDON BUILDERS INC T REARDON BUILDERS INC VARNEY MARK A VILANDRE MICHAEL A WISEMAN STEPHEN YIZNITSKY JACOB		FISKDALE	MA	01518	01518 122 BROOKEIELD BOAD
PALMER PATRICIA RICCI DAVID M ROWLEY WALTER J SIMPSON JANE E T REARDON BUILDERS INC T REARDON BUILDERS INC VARNEY MARK A VILANDRE MICHAEL A WISEMAN STEPHEN YIZNITSKY JACOB	PO BOX 312	FISKDALE	MA	01518	01518 139 BROOKEIELD BOAD
RICCI DAVID M ROWLEY WALTER J SIMPSON JANE E T REARDON BUILDERS INC T REARDON BUILDERS INC VARNEY MARK A VILANDRE MICHAEL A WISEMAN STEPHEN YIZNITSKY JACOB	639 MAIN STREET	FISKDALE	MA	01518	01518 141 BROOKEIEI D ROAD
ROWLEY WALTER J SIMPSON JANE E T REARDON BUILDERS INC T REARDON BUILDERS INC VARNEY MARK A VILANDRE MICHAEL A WISEMAN STEPHEN YIZNITSKY JACOB	87 CLARKE ROAD	FISKDALE	MA	01518	01518 87 CI ARKF ROAD
SIMPSON JANE E  T REARDON BUILDERS INC  T REARDON BUILDERS INC  VARNEY MARK A  VILANDRE MICHAEL A  WISEMAN STEPHEN  YIZNITSKY JACOB	3 NORTH DRIVE	FISKDALE	MA	01518	01518 3 NORTH DRIVE
T REARDON BUILDERS INC T REARDON BUILDERS INC VARNEY MARK A VILANDRE MICHAEL A WISEMAN STEPHEN YIZNITSKY JACOB	99 CLARK ROAD	FISKDALE	MA	01518	01518 91 CLARKE ROAD
T REARDON BUILDERS INC VARNEY MARK A VILANDRE MICHAEL A WISEMAN STEPHEN YIZNITSKY JACOB		STURBRIDGE	MA	01566	01566 26 DRAPER WOODS BOAD
VARNEY MARK A VILANDRE MICHAEL A WISEMAN STEPHEN YIZNITSKY JACOB	8 WALLACE ROAD		MA	01566	01566 14 DRAPER WOODS BOAD
VILANDRE MICHAEL A WISEMAN STEPHEN YIZNITSKY JACOB	S ROAD	FISKDALE	MA	01518	01518 32 DRAPER WOODS ROAD
WISEMAN STEPHEN YIZNITSKY JACOB		FISKDALE	MA	01518	01518 114 BROOKEIELD ROAD
YIZNITSKY JACOB	79 CLARKE ROAD	FISKDALE	MA	01518	01518 79 CLARKE ROAD
	142 BROOKFIELD ROAD	FISKDALE	MA	01518	01518 142 BROOKFIELD ROAD

Above persons listed are record owners as they appear on the most recent applicable tax list.  Assessors are not responsible for errors or omissions. RE: M.G.L Chapter 40A, Section 1.1  Abutters List - Conservation Commission - 200'  RE: 130 BROOKFIELD ROAD  Certified Copy  Assessor:  Cartified Copy  Assessor:  Date:  Date:		
are not responsible for errors or are not responsible for errors or conservation Commissic ROOKFIELD ROAD  Copy  3-2-20/8		BOARD OF ASSESSORS
are not responsible for errors or list - Conservation Commission ROOKFIELD ROAD  Copy  3-3-20/8	Above persons lis	sted are record owners as they appear on the most recent applicable tax list.
Sopy  And Political Sopy	Assessors are not	t responsible for errors or omissions. RE: M.G.L Chapter 40A, Section 11
ROOKFIE		
SOOKFIELD ROAD  Sopy  3-2-20(8)	Abutters List -	
3.2-2018	RE: 130 BROOKFI	IELD ROAD
3-3-2018		
3-2-2018	Certified Copy	
3.2-30	Assessor:	P. Mark
	Date:	3-3-2018



# Notification to Abutters

# under the MA Wetlands Protection Act and the Town of Sturbridge Wetland Bylaw Regulations

In accordance with the second paragraph of Massachusetts General Laws, Chapter 131, § 40, as well as the Town of Sturbridge Wetland Bylaws, you are hereby notified of the following permit application for work within a wetland resource area and/or within the 200-foot buffer zone to a resource area:

B. The C. The D. The	aname of the applicant is: Russell LeBlanc address of the lot(s) where the activity is proposed is: 130 Brookfield Road anature of the activity proposed includes: Construction of a Single Family Home
C. The D. The	nature of the activity proposed includes: Construction of a Single Family Home
C. The D. The	nature of the activity proposed includes: Construction of a Single Family Home
D. The	applicant has filed the feller for t
and	applicant has filed the following in accordance with the Wetlands Protection Act (MGL c. 131, § 40), or the Town of Sturbridge Wetland Bylaws.
1	Notice of Intent seeking permission to conduct work within a wetland, water body or resource area
	Request for Determination seeking permission to conduct work within a buffer zone to a wetland, waterbody or resource area
	Abbreviated Notice of Resource Area Delineation seeking to confirm the wetland resource area boundaries
	Request to amend an existing Order of Conditions for DEP File #300
Cent	ies of the application may be examined at the Sturbridge Conservation Department, 301 Main Street, ter Office Building, Sturbridge, MA between the hours of 9:00 a.m. – 3:30 p.m. Monday through Friday. itional times may available by appointment. Please call ahead to check for availability. (508) 347-2506
	ies of the application may be obtained from either   the applicant: Russell LeBlanc
or [	the applicant's representative: Summit Engineering & Survey, Inc., by calling telephone # 508-987-8714
on th	ne following days of the week: Monday-Friday between the hours of 8:00 AM and 4:00 PM

# PLEASE NOTE: Notice of this Public Hearing will be published as follows:

- In The Southbridge Evening News at least five days in advance of the hearing
- In the Town Hall at the Town Clerks office, not less than 48 hours in advance of the hearing
- On the Town's Meeting Calendar not less than 48 hours in advance of the hearing (www.town.sturbridge.ma.us)
- On the Conservation Commission webpage not less than 48 hours in advance of the hearing

You may contact the Sturbridge Conservation Commission Office (508) 347-2506 or the Department of Environmental Protection Central Regional Office at 508-792-7650 with questions in regards to the Notice of Intent application process or the Wetlands Protection Act.



# Town of Sturbridge

# **Conservation Commission**

# Filing Fee Worksheet

Under M.G.L. c 131, § 40 and the Town of Sturbridge Wetland Bylaw

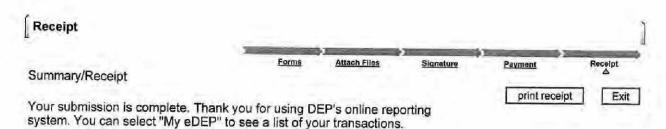
Applicant Russell LeBlanc
Applicant Representative Summit Engineering & Survey, Inc
Project location 42 Champeaux Road
TOTAL STATE FEE REQUIRED FOR PROJECT  (Only subject to NOI and ANRAD filings—See Wetland Fee Transmittal Form):  State Fee Category(s) 2(a) Construction of a single-family home
Total State Fee for project (include Riverfront Area adjustment if applicable) \$500.00  State share of State Fee \$237.50  Local share of State Fee \$262.50
TOTAL ADDITIONAL LOCAL FEE REQUIRED FOR PROJECT*: (See Sturbridge Wetland Bylaw Regulations Section 4.17)
Standard NOI Fee = \$50.00X (check if applicable)
Standard RDA Fee = \$25.00 (check if applicable)
Standard ANRAD Fee = \$00.10 per foot for resource area delineation (check if applicable).  # feet x \$00.10 = \$
Standard DELINEATION Fee = \$00.10 per foot for resource area delineation (for all projects).  # feet 860 x \$00.10 = \$ 86.00
(for all projects that do not include an approved wetland delineation boundary by the Commission within 3 years prior to application submittal)
REPLICATION Monitoring Fee = \$200.00 (check if applicable) (for all projects that include wetland alteration and wetland replication)
CUMULATIVE TOTAL FEES:
Total State Fee: \$500.00
Total Town Share of State Fee: \$262.50
Total Local Fee: \$136.00
*Please Note:
For each NOI and ANRAD filing, please submit two (2) checks to the Town of Sturbridge, one for the town's portion of the state fee and one for the local fee(s). RDA filings only have a Local Fee at this time.
The advertising fee is not included in the calculation. The Applicant will pay the Southbridge News directly.
F:\Home\CONSERVATION\Forms\Local Filing Fees Worksheet.doc
Town Hall 508-347-2506 308 Main Street (f) 508-347-5886



Property Owner: _	Russell LeBlanc
Property Location:	130 Brookfield Road
/	
The lice	nse/nermit may be released
	nse/permit may be released.
	nse/permit may be released.
☐ The lice	nse/permit may not be released.
☐ The lice	

# My eDEP Forms My Profile Help Notifications

Username: SMBRESSETTE
Nickname: FLIGHTCRAFT



DEP Transaction ID: 1005465 Date and Time Submitted: 4/13/2018 10:53:00 AM Other Email:

Form Name: WPA Form 3 - NOI

Project Location City/Town Name: STURBRIDGE location: 130 BROOKFIELD ROAD

General Description: CONSTRUCTION OF A SINGLE FAMILY RESIDENT

WITH ASSOCIATED SITE WORK AND INFRASTRUCTURE.

Applicant Information Name: JAMIE' CORNELL

Company

Address: 2 DRAPER WOODS ROAD, FISKDALE, MA, 01518

Payment Information
Your fee for the state share is \$: 237.50
If you have paid by credit card or ACH, thank you for your payment. If you are paying by check or money order, please send your check (payable to the Commonwealth of Massachusetts) to MassDEP, Box 4062, Boston, MA 02211

Additional Forms Submitted WPA Form 3 - NOI (Fee Transmittal)(ONLINE ONLY)

# Ancillary Document Uploaded/Mailed

130 Brookfield Road - Firmette
130 Brookfield Road - NHESP Map
130 Brookfield Road - USGS Map
18-111 brookfield road site plan & detail
300-0732 Extension
ANR Plan
Compilation of ConCom meeting minutes 300-0732
Cornell Local Checks
EcoTec-Stur130BrookfieldRdReport
Narrative
WPA Form 8A - 300-0732
noi\_packet\_local\_pdfs

- DM would like a written summary of the conditions before voting on the single-family house project.
- DM asks if abutters have any questions (none).
- S. Campbell requests a continuance.

Hearing continued to April 5, 2007 at 8:10PM pending requested information.

# PUBLIC HEARING

NOI for DEP 300-732: Proposed single family house and driveway wetland crossing at 130 Brookfield Road. Para Land Surveying, Inc. representing Rearick.

DM opens the public hearing at 8:35PM. Present: R. Para of Para Land Surveyors, Inc.

Submitted: Newspaper ad and certified green cards to open the hearing

# Discussion:

- KK states this is the first hearing on this project. Project includes the construction of a single-family house, driveway, public sewer, private well, in-ground pool, etc. The driveway crosses a bordering vegetated wetland and a 42-in culvert for an intermittent stream. Approximately 1480 permanent wetland alteration and 2960 sq feet of replication is proposed. KK reviews plans with board, she also submits a review Memo to the board and R. Para (dated 3/1/07).
- R. Para states the parcel was subdivided in the early 1980s. Rte 148 was rebuilt moving property
  lines and reconstructing culvert. The wetland crossing will be at the narrowest point of the
  wetland. The project includes swapping land with the abutter in order to avoid the 42-inch culvert
  and stream. The wetland is what extends to the Draper Woods development.
- EG questions if there is access off the right of way. R. Para responds the right of way is old and
  this is one lot out of the larger parcel. Last he knew, there was no access from the right-of-way.
- DM questions the slope of the property. R. Para responds that the slope of the property is 6 to 8%.
- R. Para states that a public sewer tie in was left and that drilling a well on site is less invasive than
  public water and sewer.
- FD states that it looks like a reasonable use for 12 acres of land—only one house.
- EG suggests a site visit. DM states that the visit should be sometime in late March to early April. KK agrees and adds that one of her points in her review memo is that the site visit should be done when there is no snow cover and all vegetation is present. The Commission will need to be looking at the wetland crossing and replication area in detail. Also, she adds that she would like to review the delineation flag by flag. DG agrees and states that the wetland is also behind the house location.
- DM questions if flags are still in place. R. Para responds they are and will be refreshed prior to site visit.
- EG asks the applicant if they are aware of vernal pools. KK states that according to MA GIS, there are no mapped potential or certified vernal pools. However, National Heritage mapped estimated and priority habitat is across the street and downstream from the wetland to be filled.
- DM states that a site visit should be done in the spring, he would like to see the centerline of driveway, house and pool to be staked.
- R. Para states that he plans on having a paved apron at the driveway, the gravel through the
  wetland and 25-foot buffer zone and then continue the pavement. KK states there would be a
  potential for the gravel to constantly wash out.

# PUBLIC HEARING

NOI CONTINUED from 2/1/07: DEP 300-678 for single family house and reclassification of a stream at 186 New Boston Road. Green Hill Engineering representing J. Boutiette.

DB opens hearing at 7:53PM

Present: M. Farrell, Green Hill Engineering

# Discussion:

- M. Farrell states he is waiting for information from Natural Heritage and he is trying to
  avoid conducting a full habitat assessment study. He continues that Natural Heritage
  indicated the full assessment is the only way to have it done properly. M. Farrell states
  his client did not want to pay thousands of dollars for the full assessment.
- DB asks about the details of the stream crossing and when the evaluation would be done.
   M. Farrell responds that a full evaluation takes 3-4 months and then the information is sent to Natural Heritage. He also states there have been marble salamander and 4 toed salamander spotted.
- M. Farrell states the vernal pools have already been mapped.
- DB states he is willing to accept this information as "new information" and allow a
  continuance for a few months to allow for the assessment to be conducted.
- M. Farrell states he would like to continue to late August or early September. DB states he needs a firm date for a continuance. M. Farrell requests September.
- EG makes motion to continue to the second meeting in September. DB seconds motion.
   4/0 all in favor of continuance.

Hearing continued to September 20, 2007 at 7:20PM. CORRECTION: 9/27/07 at 7:30PM

# PUBLIC HEARING

NOI CONTINUED from 3/1/07: DEP 300-732 for proposed single family house and driveway wetland crossing at 130 Brookfield Road. Para Land Surveying, Inc. representing Rearick.

DB opens public hearing at 8:03PM.

Present: R. Para, Para Land Surveying, Inc.

# Discussion:

- R. Para states in response to the Agent's comments from the previous meeting that there
  is no need for a 401 Water Quality Certificate since the lot is not a subdivision of land.
  He continues that the wetland flags appear to be present from the site walk in early
  March. He does not agree with some of the wetland flag locations, a professional did the
  delineation. R. Para also states there are no vernal pools present.
- DB asks if there is any standing water. R. Para responds there is no standing water anywhere and is not sure if the Agent was able to visit the site.
- . DB states they will schedule a site visit.
- R. Para reviews the plans with the board and indicates that on the slope; grass, trees, and high-bush blueberry plants was added to provide wildlife habitat.

- DB asks about waterflow from forest area and where the water is coming from. R. Para
  responds the surface water is going into a culvert and water may have been present from
  this past storm on Sunday. He states the sheetflow is from the next property over.
- DB asks if the old stable area is where the sheetflow is coming from. R. Para responds
  yes, sheetflow comes downhill.
- DB states he wants to make sure the wetland area won't dry up. R. Para responds the
  sheetflow is temporarily going across the proposed wetland replication area. Members
  question the existing hydrology. R. Para reviews the plans with the board and
  demonstrates how the water will flow to the replication area and into the wetland.
- DB states he is unclear on how the water will cross an impervious surface (driveway) and feed into the wetland area. FD states a pre-tension bridge could be built with multiple culverts.
- DG states a rip-rap swale could be put in place to move water to the wetland.
- EG questions the proposed pipe under the driveway and if it will maintain flow. R. Para
  responds that the pipe will be at grade and it will be easier to construct. EG states that
  smaller reinforced pipes could be used for the higher elevation on the driveway. R Para
  responds that they could be used, but the point source could lead to erosion and that there
  is only one place where water would normally flow across.
- DG expresses her concerns about drainage and states Natural Heritage lands get a lot of
  water already. She continues that adding another lot with clearing will add to the water
  flow in this area.
- DB states the board is strict with applicants that there should be no net loss of wetland
  and requests the site be worked to ensure there will be no loss. R. Para responds that
  replication is 2:1, so there is no net loss, but a net gain.
- DB states that the 2:1 is a requirement and that they have to make sure that the replication
  area succeeds. R. Para states the water will flow across into the wetland.
- DB asks about the slope. R. Para responds the pitch is down 1% and then up to the road at 6.7%.
- DB states there will be a site visit on Sunday. (DM enters the meeting)
- EG asks if the road and house can be marked in the field and R. Para responds that it is already.
- . DB schedules the site visit for Sunday at 9AM.
- · R. Para requests a continuance.
- DB asks about Natural Heritage. R. Para responds there is an area 300 feet downstream with the mapped rare species. He reviews photos/maps with the board.
- DG states that because the mapped area is downstream from the property, everything will
  run to it.
- EG makes motion for continuance, DG seconds motion. 4/0 all in favor of continuance.

Hearing continued to May 3, 2007 at 9:30PM.

# 8:23PM Other Business

4/5/07 Minute Approval

Conservation Minutes 4/19/07 Page 5 of 13 FINAL Approved 6/7/07
PUBLIC HEARING

NOI Continued from 4/19/07 for DEP 300-732: Proposed single house and driveway wetland crossing at 130 Brookfield Road. Para Land Surveying, Inc. representing Rearick.

DB opens public hearing at 10:24PM.

Present: R. Para from Para Land Surveying, Inc.

# Discussion:

- KK states that since the last hearing, the Commission did a site walk on 4/22/07. Results from the site walk included concerns for where the replication area is proposed. KK apologizes for being out for a few weeks and has yet to review in detail the additional information submitted on 4/6/07. KK requests an opportunity to review the information in depth and conduct a site walk to review the wetland delineation. KK recommends a continuance, but request discussing the replication area location tonight. Other things to think about: from looking at some projects that are currently under construction and in violation, there seems to be a problem with the amount of work area needed for driveway crossings. It seems that a lot of the time, the contractor needs more room for construction than what is shown on the plan and most of the time the project is shut down in violation. KK states that all plans should have the real limit of work defined.
- R. Para responds that if the work area is expanded it will disturb more wetland.
- DB states that often the single unit is considered and not what is going on around it. DB states
  that he recently got a call from an abutting lot with a house at a higher elevation and there was
  6 in. of water in their basement during the last storm. R. Para responds that these are different
  properties on different lots and water levels are not the same on each hill. KK states that the
  hills in the area tend to generally seep water.
- DB discusses replication area. He questions the elevations and the success of the plants.
- R. Para submits plans with new replication area and states it is the same area as previously
  discussed but the middle of the replication area is lower than the surrounding wetlands and
  therefore creates a bowl.
- KK states that the goal of the replication area is to recreate the area that was altered and
  enhance the wetland. The current location of the replication area will cause steep slopes into the
  wetland area. R. Para states that the area he is creating will allow water to pool and sit for
  infiltration.
- DB asks about the stonewall. R. Para responds that the stonewall will not be removed.
- Member discuss the trees in the replication area. KK states the wetland monitor will indicate
  what trees should stay during a walk through prior to replication construction.
- DM states that if the construction area is to increase; the replication area will need to be
  increased. R. Para states they will take the excavation removal and put it into the replication
  area. KK indicates that additional, clean hydric soil will need to be installed since the
  replication area is 2:1. Also, the area to be altered may not contain excellent hydric soils.
- KK asks to identify stockpile areas on the plan.
- R. Para states that there is an outstanding issue of mitigation for the 25 ft buffer. He states
  there is an old shed on the property and wetland flags are tied to the rear corner of the shed. He
  asks if they should remove the shed for mitigation. Members discuss access to the shed. DM
  comments that mitigation should be improving an area.

Hearing continued to June 7, 2007 at 8:35PM pending site walk and additional information.

FINAL approved 7/12/07

- suggested the proposed plantings and the location of the plantings. DM questions some of the plant species near the Lake. DB states that lilacs can provide good root structure if healthy. D. Roberts states all the plants are native Massachusetts plants.
- DB asks KK about any additional comments. KK states that finding out about the drainage pipes was a good thing, but the pipes need to be shown on the plan. The plan needs to clearly show all drainage structures, existing and proposed. The contractor only looks at the plan so it needs to be clear that the existing pipes are going to be re-routed, the plans need to especially show the sump pump and the owner needs to know about the maintenance of the structure. D. Roberts states he can add all of the drainage information to the plan for KK's review.
- KK asks about the contractor and states any contractors need to be very clear on what is there and
  what needs to be done with the drainage pipes.
- KK states she needs details on the sump and needs details on sequencing. D. Roberts states he will
  add everything to the plans.
- DM asks if the pipes can be cut back. D. Roberts states they can cut the pipes back and place plastic
  caps on them. They will dig back, cut the pipe, cap the pipe, then backfill back over the pipes. He
  does not think the pipes should be fully removed. KK states that all of this will need to be on the
  plan. D. Roberts states that it will not be a problem to revise the plans.
- KK asks if the new house will need a sump in the basement. D. Roberts responds no. KK asks if the
  new leach pit will receive run-off from the roof and from the sump. D. Roberts states it will receive
  from roof run-off, sump, and garage drain. KK questions if the leaching pit can handle the additional
  water.
- DM asks changes to be read back. KK states changes are: 1) outlet pipes on plan to be cut back and capped, 2) drainage pipes to be added to plans and information on what will be done with pipes, 3) maintenance and sump details at the driveway, and 4) drainage sequencing.
- D. Roberts request a continuance unless the Board feels they can vote favorably knowing that revised
  plans will be submitted and adding conditions. KK states that the Board is booking the July 26<sup>th</sup>
  hearing now.
- FD states applicants should not be delayed by the Board's vacation schedules. DM states he likes the
  information that has been presented tonight but would still like to see the information on the plan
  before voting. DB agrees with DM and would like to continue the hearing.
- FD states that with D. Grehl as an abutter, the Board will be kept to date on the construction.
- D. Roberts submits photos of drainage for the file.

Hearing continued to July26, 2007 at 7:30PM pending revised plans.

# PUBLIC HEARING

NOI CONTINUED from 5/3/07 for DEP 300-732: Proposed single family house and driveway wetland crossing at 130 Brookfield Road. Para Land Surveying, Inc. representing Rearick.

DB opens public hearing at 8:49PM

Present: R. Para of Para Land Surveying, Inc.

# Discussion:

• KK states since the last meeting she submitted a review memo to all members on 6/4/07 documenting that the wetland delineation is accurate and also that outstanding questions and concerns remain. She continues that R. Para submitted a response memo on 6/7/07 and a revised plan set. She recommends that the Commission review the response memo and receive a presentation on the revised plans. KK reviews the plans and photos with the Board.

Conservation Minutes 6/7/07 Page 7 of 16

### FINAL approved 7/12/07

- DM asks KK to summarize her outstanding concerns. She reviews the memo with the Board and shares her concerns. KK states her main concern is with the replication plan. She states the plants are good wetland plants, but are not good plants for this site.
- DM asks if the plants are not good for just this site or not good for this area. KK responds both—none of the proposed plants are found within the wetland on the property.
- R. Para states there has been a revised plant list submitted with the plans. KK states she did not have time to review the revised plans. R. Para reviews revised plans with the Board and begins to explain all changes.
- KK questions the phasing of the construction, she would like to see the replication area established
  prior to house construction. R. Para states it can be done, but would be tricky. He continues that the
  hay bales can be pulled back but it is imperative to clear the road and get to the area by the house to
  store materials.
- R. Para states the first step is to put the hay bales in place, clear the replication area, move the cut
  wood to be processed (chip logs and branches and grind stumps), move wetland soils, lay a 6-inch
  stone layer at the culvert to create at drivable surface, build retailing walls up for the driveway, then
  replace the wetland soils to the wetland. KK adds that additional wetland soil will have to be brought
  in.
- DB asks if the replication area will be surrounded by a rock wall and have more depth. R. Para
  responds yes, it will be a pool. KK asks about hydrologic connection to the existing wetland. She is
  concerned that the replication area will become an isolated wetland and there will be a "berm"
  separating the replication area and the natural wetland. R. Para states they can dig a channel and
  members discuss.
- R. Para states that natural slope of the area will let the water continue from the replication area into the wetland.
- KK asks about the selective tree clearing in the replication area. R. Para responds that some trees are
  marked in the field as "KEEP". He continues that the wetland specialist will help with what trees are
  to stay in the replication area.
- KK asks about the 3:1 slope leading to the replication area and adding plantings in addition to erosion
  controls. R. Para responds the area will be loamed and mulched with hay bales above it and hay
  bales between the slope and the wetland area. He continues this should be stable as the 3:1 slope is a
  very gentle slope. KK states that she is concerned with this area as it will be the 25-foot no touch
  buffer zone from the replication area wetland.
- DB states that this area may be hard to stabilize and hydroseed may not take.
- KK asks about the selective clearing in the area next to the replication area. R. Para states that the
  word "selective clearing" was removed off the plan. He continues that they will basically clear-cut
  and try to leave some trees in place. KK shows concern for this since the clear-cut area will be the 25
  and 50-foot buffer zones from the wetland (replication area). KK reviews photos of the outcroppings
  and the plans of the surrounding wetland areas.
- DB suggests for stabilization adding one to two inches of woodchips, then eventually removing the wood chips and adding a wetland mix.
- DM states shrubs would be ideal for that area. R. Para states the grass will grow in then they can put
  in shrubs for added stabilization. DB states grass is not the best measure for stabilization and they do
  not want to encourage mowing in the area. DM states the slope will discourage mowing.
- R. Para states that paving the driveway is an outstanding issue. KK states it should be all gravel or all paved, she does not like both. DB states he does not want water coming down the driveway and entering the roadway. R. Para states that there is a swale entering into the wetland and that water will not flow to the road.

# FINAL approved 7/12/07

- KK asks if there will be stone swales on the side of the driveway. R. Para states there is proposed
  grass on the shoulder and there is a small swale going into the replication area. He states the
  driveway will be pitched.
- DB questions KK if the runoff from the driveway will be the source of water for the replication area.
  KK states that groundwater should be the source of water for replication areas, not driveway runoff.
  Runoff can be added to the replication area, but not the source. DM questions how the driveway can be canted without a berm and how the water will enter the swale. R. Para states the swale goes into the replication area and acts as a buffer.
- DM states the construction sequence is critical and asks that the Applicant consider including shrub plantings in the 3:1 slope area. He asks about the 100-foot buffer zone and points out a fence on the plans near the house.
- R. Para states there is a proposed swimming pool and a fence is required for the pool. DM states the
  fence acts as a barrier.
- KK states that besides the replication area, there are no other plantings proposed. No landscape
  areas, only conversion to lawn. KK states she is concerned about this since there is 25 and 50-foot
  buffer zone disturbance. R. Para states that the final planting plan has yet to be submitted. The
  landscaping will be up to the homeowner.
- DM asks KK how long she will need to review new submission. KK answers for the next meeting.
  KK asks members if they are ready for draft special conditions. Members agree that draft conditions
  would be good to review. DB asks that a courtesy copy of the draft conditions be sent to R. Para at
  least a week before the meeting. KK agrees

Hearing continued to July 26, 2007 at 7:45PM to review Special Conditions.

# PUBLIC HEARING

RDA for SCC 07-13: Vegetation maintenance along portions of the Massachusetts Turnpike (Route 90). Request made by Massachusetts Turnpike Authority.

DB opens public hearing at 9:20PM. No one present

# Discussion:

- KK states this hearing is to be continued to 6/21/07 at 7:05pm as it was not advertised in the paper properly. KK states that if the Board would like, she can give the Commission a brief summary of the project, and then she can read the minutes at the next meeting.
- DB states that is not necessary since different members will be at the next meeting.
- DM asks how they can spray selectively for Poison Ivy. KK states that she believes they plan on spraying in the median and along the guardrails.

Hearing continued to June 21: 2007 at 7:05PM.

# PUBLIC HEARING

RDA for SCC 07-14: Proposed pool at the Express Inn located at 478 Main Street. Bertin Engineering, Inc. representing Sturbridge Hospitality Group, Inc.

DB opens the public hearing at 9:22PPM.

Present: H. Blakeley of Bertin Engineering, Inc.

Newspaper ad submitted. Certified mail receipts received 5/23/07.

Conservation Minutes 6/7/07 Page 9 of 16

# PUBLIC HEARING

NOI CONTINUED from 6/7/07; DEP 300-732 for proposed single family house and driveway wetland crossing at 130 Brookfield Road. Para Land Surveying, Inc. representing E. and D. Rearick.

DB opens public hearing at 7:51PM
Present: R. Para, Para Land Surveying, Inc.
E. and D. Rearick, property owners.

# Discussion:

- KK states according to the Mullen Rule, DG has missed two meetings and cannot vote on this
  project. With DG not voting, there is not a quorum tonight.
- DB explains the particulars of the Mullen Rule.
- R. Para requests a continuance and states new plans were submitted for the Board's review prior to the next meeting.

Hearing continued to August 2, 2007 at 9:10PM.

# 7: 54 PM OTHER BUSINESS (As time allows)

# Letter Permit: SCC 07-20 for above ground pool at 6 Vinton Road

- KK states that the house construction had an Order of Conditions (before her time as the Agent)
  and there is a potential vernal pool off Vinton Road. She adds she has no issues with the pool
  since it is located in the rear of the property and out of the 100-foot buffer zone.
- DM states the letter should include a provision that if the pool is disassembled, the water is not to be discharged into the wetland.
- · Consensus of the Board to approve the letter permit request.

# Letter Permit: SCC 07-21 for tree removal at 102 Paradise Lane

- KK states she received a call from B.Hitchcock, the property owner, asking about trimming trees
  that were hanging over the house and causing mold. KK also adds that she requested the
  removal of a birch tree.
- KK visited the property on 7/25/07 and shows members the photos.
- . DB states there is a steep slope on the property.
- DG states she can leave the small birch and leave the stump and roots of the birch to be removed.
   KK states that is what was discussed on property with the owner.
- KK states there are new plantings being done as well.
- · Consensus of Board to approve letter permit request.

# Discussion of Summer/Fall Hearing Dates

Summer hearing dates are agreed upon as follows:

August 2, 2007 – DM will not be present. August 16, 2007 August 30, 2007 September 27, 2007 October 11, 2007

> 7/26/07 Conservation Minutes Page 4 of 15

to be liable for the road drainage on his property. He adds he will submit hydraulic calculations.

Hearing continued to August 30 at 8:10PM pending discussion with the DPW Director.

# PUBLIC HEARING

NOI CONTINUED from 6/7/07 and 7/26/07: DEP 300-732 for proposed single house and driveway wetland crossing at 130 Brookfield Road. Para Land Surveying, Inc. representing Rearick.

DB opens public hearing at 9:58PM
Present: R. Para, Para Land Surveying, Inc.
D. and E. Rearick, property owners.

# Discussion:

- KK states DG cannot vote on the project due to Mullin Rule as she missed the 5/3/07 and the 6/7/07 meetings. She continues that at the last meeting on 6/7/07, members agreed to review draft special conditions sent out via email on 7/24/07. She recommends the Commission review the special conditions with the applicant's representative.
- · KK reviews the plans with the Board.
- DB asks R. Para if he has any comments on the conditions.
- R. Para asks about Condition #38 and the repair of equipment breakdown. KK reads the suggestion for revising Condition #38.
- DB asks about the pitch of the road to the swale. KK states it is not really a swale and
  more like a stone shoulder. DB asks if it is necessary to have this area and adds they
  need to make sure there is no net loss of wetlands. R. Para states this will be an
  enhancement to the wetland area.
- DB states the replication must be done before the Certificate of Compliance will be issued. R. Para states the replication will be done first under the supervision of a wetland specialist.
- DB states he is concerned with the flow of water to the wetland. R. Para states water from the driveway will feed the replication area and the area will be excavated.
- KK asks about soil testing for ground water elevations in the replication area. R. Para states no soil testing was not done.
- KK states she is concerned with staging for construction at the start of the project. R.
   Para states the hay bales will be placed in the wetland area first then the wetland will be crossed. He adds it will take one to two weeks for the hay bales, the tree clearing, and the base to be set. He states that whoever buys the lot will have to abide by the conditions.
- DB asks if they will use the driveway as much as possible. R. Para states they will only
  use the driveway.
- KK asks about access to the shed. R. Para states he does not believe the shed is being used now.
- D. Rearick states the shed can be accessed across the backyard of the existing home.
- DB asks the members if they are set with the Conditions and if there are any other questions or comments.
- KK reviews the changes to Condition #38.