

# Forest Cutting Plan

and Notice of Intent under M.G.L.  
Chapter 132 – The Forest Cutting  
Practices Act, 304 CMR 11.00  
(Effective Date: 3/15/16)

## For DCR Use Only:

File Number _____	Case No. _____
Date Rec'd _____	Nat. Hert. _____
Earliest Start _____	Pub. Dr. Wat. _____
River Basin _____	ACEC _____
Gen. Obj. _____	

Site Information

## Location

Town Leverett & Shutesbury  
Road Dudleyville Road  
Acres 70 Proposed Start Date \_\_\_\_\_  
Vol. MBF 325 Vol. Cds. 200 Vol. Tons 390

## Plan Preparer

Name John Edwards  
Address P. O. Box 78  
  
Town, State, Zip Hadley, MA 01035  
Phone (413) 320-5912  
Type of Preparer Consulting Forester  
\*Mass. Forester License # 65  
\*Required for land under Ch61, Ch61A or Forest Stewardship

## Landowner

Name Rex Bradford & Elizabeth Krafchuk  
Mailing Address 10 Heartbreak Rd  
  
Town, State, Zip Ipswich, MA 01938  
Phone 978 380 8608  
Ch61 ☒ 61A ☐ 61B ☐ Stew ☐ \*Case # \_\_\_\_\_  
FSC ☐ CR ☐ CR Holder

## Licensed Timber Harvester\*\*

Name TBA  
Address \_\_\_\_\_  
Town, State, Zip \_\_\_\_\_  
Phone \_\_\_\_\_  
Mass. Lic. Harvester # \_\_\_\_\_

\*\*This information may be supplied after the plan is approved, but before work begins.

Best Management Practices

## Stream Crossings

Indicate location on map	SC-1	SC-2	SC-3	SC-4
Type of Crossing	BR	PO	PO	PO
Existing Structure	NO	NO	NO	NO
Type of Bottom	ST	ST	ST	ST
Bank Height (ft)	2-3' <input checked="" type="checkbox"/>	1-2' <input checked="" type="checkbox"/>	1-2' <input checked="" type="checkbox"/>	<1' <input checked="" type="checkbox"/>
Stabilization	MU	MU	MU	MU

## Wetland Crossings

Indicate location on map	WC-1	WC-2	WC-3	WC-4
Length of Crossing	15			
Mitigation	FR/DR			
Stabilization	MU			

## Filter Strips

Indicate location on map	FS-1	FS-2	FS-3	FS-4
Width (50', 100', or VA)	50	50	50	

## Harvesting in Wetlands

Indicate location on map	HW-1	HW-2	HW-3	HW-4
Forest Type (see pg 2)	WH <input checked="" type="checkbox"/>	WH <input checked="" type="checkbox"/>		
Acres to be Harvested	6	10		
Resid. Basal Area (>50%)	YES	YES		

## Service Forester Comments

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Codes

Type of Preparer	Type of Crossing	Stabilization	Mitigation	Type of Bottom
LF Mass. Lic. For.	CU Culvert	SE Seed	FR Frozen	LE Ledge
TH Lic. Tim. Har	BR Bridge	MU Mulch	DR Dry	ST Story
TB Timber Buyer	FO Ford	CO Corduroy	OT Other	MU Mud
LO Landowner	PO Poled	ST Stone		GR Gravel
OT Other	OT Other	HB Hay Bales		OT Other
		OT Other		

Note:  
Applicant must provide DCR with all relevant information before plan may be approved and cutting may begin. Some forestry activities, such as prescribed burning and pesticide or fertilizer application may require additional permits. Consult MA Forestry BMP Manual for further information.



# Forest Cutting Plan

Narrative Page (Effective Date: 3/15/16)

Use this page to provide further explanation or if Other (OT) was used in any category on pages 3 or 4.

Landowner Bradford/Krafchuk

Town Leverett/Shutesbury

File Number \_\_\_\_\_

BMPs

Designation of Trees

Use this Section to provide further explanation or if Other (OT) was used in any category in the Best Management Practices Section on Page 3.

Cut timber has been marked in some areas as a guide to the operator to demonstrate how to cut. Other trees will be harvested as well. 15"-30" dbh, well formed White Pine as well as Red Oak and other hardwood trees will be retained to provide seed and shelter for the remaining stand. High quality and low quality stems will be removed. The intent of this harvest is to improve the overall stocking of the property and remove as much low quality material as practical. In areas where the Seed Tree system is used, 15"-30" dbh White Pine, Hemlock and Red Oak as well as other hardwoods will be retained and spaced 50' or so apart to reseed. A 5 acre clearcut will be completed in Stand 6 in a area of mostly Hemlock

Use this Section to describe the types of trees to be harvested and/or retained if Other (OT) was used for "Designation of Trees" in the Stand Treatment Section on page 4. Additional narrative description may be added on a separate page.

Stand No.	Describe Trees to be Cut			Describe Trees to be Left			% BA/AC	
	Species	Size	Quality	Species	Size	Quality	Cut	Left
1	ALL	ALL	High & Low	ALL	12-30	HIGH	50	50
3	ALL	ALL	High & Low	ALL	12-30	HIGH	50	50
4	ALL	ALL	High & Low	ALL	12-30	HIGH	50	50
5	ALL	ALL	High & Low	ALL	12-30	HIGH	35	65

Use this Section to describe how Chapter 132 requirements will be met if a non standard system (HG, DL, or OT) was used for the "Type of Cut" in the Cutting Standards Section on page 4.

Stand No.      Source of Regeneration (ex. AD, SE)      How will Regeneration be obtained/protected?  
If using AD - Describe the species present and how the regeneration will be protected  
If using SE - Describe the source of the seed and the number of seed trees/acre

1	ALL	Some regeneration exists. The operator is instructed to fell and skid in such a way as to avoid damage to these seedling. Conversely, the area needs to be disturbed to promote regeneration.
3	ALL	Some regeneration exists. The operator is instructed to fell and skid in such a way as to avoid damage to these seedling. Conversely, the area needs to be disturbed to promote regeneration.
4	ALL	Some regeneration exists. The operator is instructed to fell and skid in such a way as to avoid damage to these seedling. Conversely, the area needs to be disturbed to promote regeneration.
5	ALL	Selective removal of HK and other species. Selection will focus on improving growing stock.

Stand No.	Desired Future Condition
1,3,4,5	Describe what the stand is expected to look like five years from the harvest, including the condition of the overstory & understory The future desired condition of the property is a forest of good quality well spaced White Pine and valuable hardwoods. A clearcut area has been selected to remove Hemlock and to promote age diversity on the property. A proposed clearcut in Stands 3 and 4 will help achieve these goals.
	NOTE: Permission has been granted to access both COWLS and BROWN properties has been granted for this forestry operation.



## Products to be Harvested\*

Species	Mbf/Cds		Mbf/Cds
White Pine	139	Red Maple	18
Red Pine		Sugar Maple	
Pitch Pine		Red Oak	30
Hemlock	118	Black Oak	
Spruce		White Oak	
Other Sitwd.		Other Hdwd.	20
White Ash		Total Mbf	325
Beech		Cordwood (Cds)	205
White Birch		SW Pulp (Tons)	
B & Y Birch		HW Pulp (Tons)	
Black Cherry		Chips (Tons)	390

\*Note: Volumes indicated in the Plan are as reported by the plan preparer and have not been independently verified by the service forester upon approval. Mbf = thousand board feet.

## Cutting Standards

Indicate location on map	ST-1	ST-2	ST-3	ST-4	ST-5
Forest type	WP <input type="checkbox"/>	WH <input type="checkbox"/>	HH <input type="checkbox"/>	WH <input type="checkbox"/>	WK <input type="checkbox"/>
Acres	15	5	10	8.5	4.8
Landowner Objective	LT	LT	LT	LT	LT
Designation of Trees	OT <input type="checkbox"/>	OT <input type="checkbox"/>	OT <input type="checkbox"/>	OT <input type="checkbox"/>	OT <input type="checkbox"/>
Type of Cut	SH <input type="checkbox"/>	CC <input type="checkbox"/>	SH <input type="checkbox"/>	SE <input type="checkbox"/>	SE <input type="checkbox"/>
Source of Regeneration	<input type="checkbox"/>	SE <input type="checkbox"/>	SE <input type="checkbox"/>	SE <input type="checkbox"/>	SE <input type="checkbox"/>

## Landowner Signature

The most important information on a cutting plan is the Landowner's objective, as this will determine which trees will be harvested and which will remain; **this decision will also determine the future condition of the forest for decades to come.** After having read the Massachusetts Forest Cutting Plan Information Sheet on page one, indicate your objective by checking the appropriate box below.

☒ **LT - Long-term Forest Management**

Planned management of the forest to achieve one or more of the following objectives: produce immediate and maximize long-term income, enhance wildlife habitat, improve recreational opportunities, protect soil and water quality, or produce forest specialty products

☐ **ST - Short-term Harvest**

Harvest of trees with the main intention of producing short-term income with minimal consideration given to improving the future forest condition, which often results in a forest dominated by poor quality and low value species.

I (we) have read the Massachusetts Cutting Plan Information Sheet, and am aware of my (our) management options.

I (we) hereby certify that I (we) have the legal authority to carry out the operation described above.

I (we) certify that I (we) have notified the Conservation Commission in the town in which the operation is to take place and the abutters of record within two hundred feet of the area to be harvested.

I (we) understand that the volumes in this plan have not been independently verified by the service forester upon approval and will report final values and volumes to the Director or his/her agent if the final figures differ from those reported.

Signature of landowner(s)

Date

## Determination and Status

Approved Disapproved Expires

Cutting Plan ☐ ☐ \_\_\_\_\_

Signature of Service Forester/Director's Agent Date

Extension 1 ☐ 2 ☐ Expires Ser. For. Ints.

Amendment App 1 Dis 1 App 2 Dis 2 \_\_\_\_\_

## Final Report and Comments

I hereby certify that the afore described Forest Cutting Plan and all relevant statutes have been substantially complied with.

Signature of Service Forester/Director's Agent Date

Forest Types				Designation of Trees		Type of Cut		Source of Regeneration	
WP White Pine	HK Hemlock	OM Mixed Oak	CT Cut Tree	SH Shelterwood	Intermediate Harvests:	AD Advanced			
WK WP/Hem	HH Hem/Hdwd	RM Red Maple	LT Leave Tree	ST Seed Tree	CT Commercial Thin	SE Natural Seed			
WH WP/Hdwd	BC Black Cherry	BE Beech	SB Stand Boundary	CC Clear Cut	NT Non Com Thin	PI Plant			
WO WP/Oak	BB Bee/Bn Map	SF Spruce/Fir	OT Other	SI Selection	Non-Standard Systems:	CO Coppice			
RP Red Pine	OH Oak Hdwd	SM Sugar Maple	Landowner Objective	SA Salvage	HG Highgrade*	DS Direct Seed			
SR Red Spruce	OR N Red Oak	PP Pitch Pine	LT Long-term Mgt.	SN Sanitation	DL Diameter Limit*	OT Other			
			ST Short-term Har.		OT Other*				

\*If Other (OT) or a non-standard system is used an explanation must be given on attached narrative page



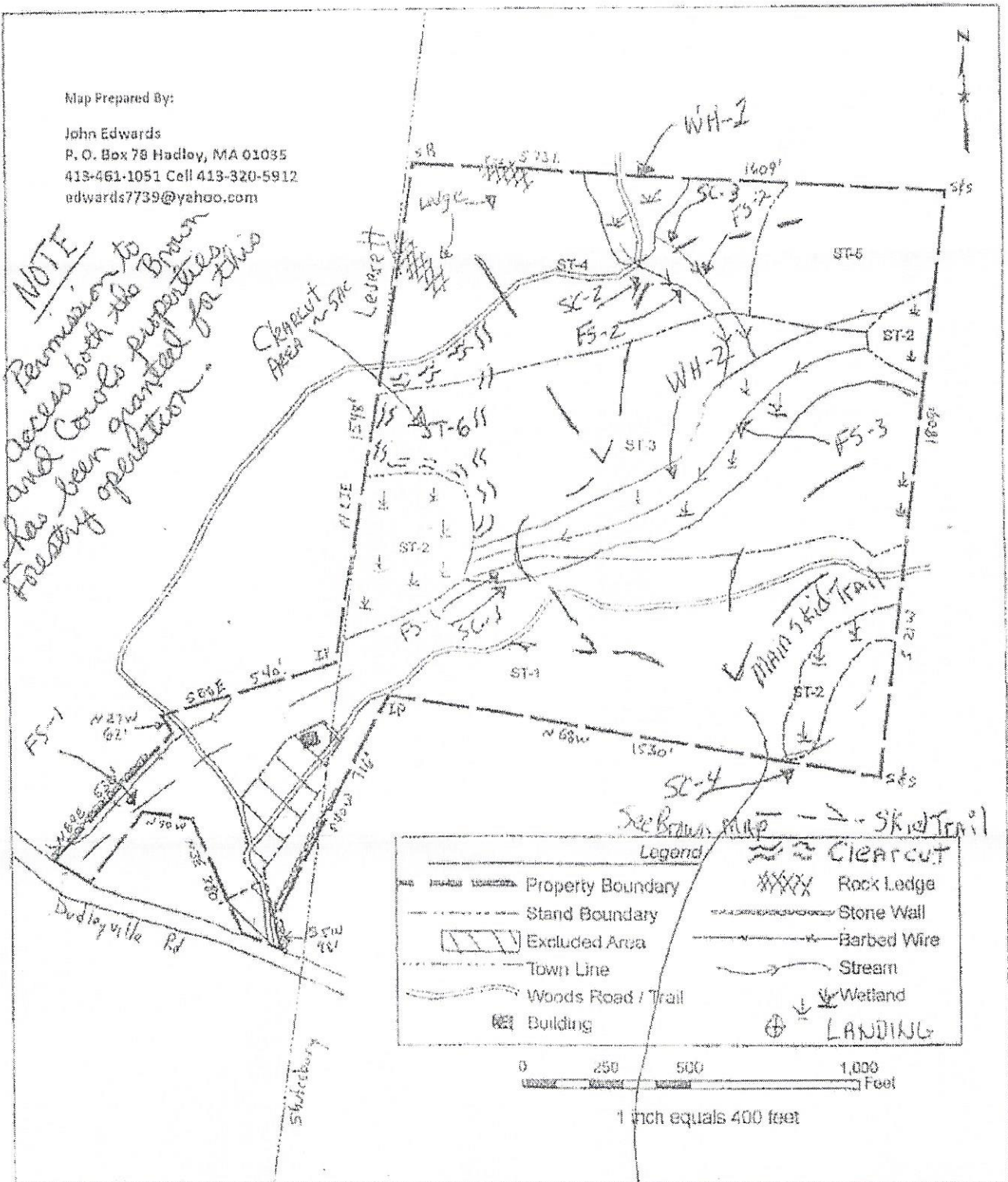
# Chapter 61 Boundary and Forest Stand Map

Property of Rex Bradford, and Elizabeth Krafchuck  
 Located on Dudleyville Road, Leverett and Shutesbury, Massachusetts

Map Prepared By:

John Edwards  
 P. O. Box 78 Hadley, MA 01035  
 413-461-1051 Cell 413-320-5912  
 edwards7739@yahoo.com

**NOTE**  
 Permission to  
 access both the Brown  
 and Cowls properties  
 has been granted for this  
 Forestry operation.





## Chapter 61 Location Map

Property of Rex Bradford, and Elizabeth Krafchuck  
Located on Dudleyville Road, Leverett and Shutesbury, Massachusetts

