

# Forest Cutting Plan

and Notice of Intent under M.G.L.  
Chapter 132 – The Forest Cutting  
Practices Act, 304 CMR 11.00

(Effective Date: 1/1/04)

Extension #1 (1/19) Extension 2 (10/20) 01-02-18P04:04 RCVD

## For DCR Use Only:

File Number 272-9203-18 Case No. 272-14  
Date Rec'd 1-2-18 Nat. Hert. NO / -  
Earliest Start 1-18-18 Nat. Hert. Imp. -  
River Basin Conn. R. Pub. Dr. Wat. NO  
Gen. Obj. LT ACEC NO

## Location

Town Shutesbury \*Carver Lot - South\*  
Road Montague  
Acres 57.81 Proposed Start Date 1/19/2018  
Vol. MBF 245 Vol. Cds. 220 Vol. Tons 411

## Plan Preparer

Name Jacob A. Macko  
Address P.O. Box 9677  
  
Town, State, Zip North Amherst, MA 01059  
Phone (413) 549-1403  
Type of Preparer Mass. Licensed Forester  
\*Mass. Forester License # 441  
\*Required for land under Ch61, Ch61A or Forest Stewardship

## Landowner

Name W.D. Cows, Inc.  
Mailing Address P.O. Box 9677  
  
Town, State, Zip North Amherst, MA 01059  
Phone (413) 549-1403  
Ch61 ☒ 61A ☐ 61B ☐ Stew ☒ \*Case # 272-14  
FSC GC ☒ CR ☐ CR Holder ☐

## Licensed Timber Harvester\*\*

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

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

## Stream Crossings

Indicate location on map	SC-1	SC-2	SC-3	SC-4
Type of Crossing	BR	BR	BR	BR
Existing Structure	N	N	N	N
Type of Bottom	ST	ST	ST	ST
Bank Height (ft)	1	1	1	2
Stabilization	CO	CO	CO	CO

## Wetland Crossings

Indicate location on map	WC-1	WC-2	WC-3	WC-4
Length of Crossing	30'	50'	20'	
Mitigation	FR	FR	OT	
Stabilization	CO	CO	CO	

## Filter Strips

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

## Harvesting in Wetlands

Indicate location on map	HW-1	HW-2	HW-3	HW-4
Forest Type (see pg 2)	WHO4	WHO4		
Acres to be Harvested	.75	1.75		
Resid. Basal Area (>50%?)	Y	Y		

## Service Forester Comments

\* Patch cuts discussed during site walk 12/28/17 - no restrictions required beyond "upland locations". Many suitable locations available.  
\* Pointed "leave trees" may be cut within patch cuts, at discretion of LO/plan preparer.

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 Stony
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.



## Products to be Harvested\*

Species	Mbf/Cds		Mbf/Cds
White Pine	65	Red Maple	17
Red Pine		Sugar Maple	
Pitch Pine		Red Oak	23
Hemlock	140	Black Oak	
Spruce		White Oak	
Other Sftwd.		Other Hdwd.	
White Ash		<b>Total Mbf</b>	245
Beech		<b>Cordwood (Cds)</b>	220
White Birch		<b>SW Pulp (Tons)</b>	411
B & Y Birch		<b>HW Pulp (Tons)</b>	
Black Cherry		<b>Chips (Tons)</b>	

\*Note: Volumes and values 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-13	ST-14	ST-3	ST-4
Forest Type	WHO4	OHH4		
Acres	54	3.81		
Landowner Objective	LT	LT		
Designation of Trees	LT	LT		
Type of Cut	ST	ST		
Source of Regeneration	SE	SE		

## 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 and values (Ch61 only) 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.

W.D. COWLES, INC.

Sh R B

1.2.18

Signature of landowner(s)

Date

## Determination and Status

272-9203-18

Approved ☒ Disapproved ☐ Expires 1/2/20

Cutting Plan

Signature of Service Forester/Director's Agent

Date

Extension

☒

2 ☒

Expires

12/21/12-22

Ser. For. Ints.

AR AR

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

WP White Pine  
WK WP/Hem  
WH WP/Hdwd  
WO WP/Oak  
RP Red Pine  
SR Red Spruce

HK Hemlock  
HH Hem/Hdwd  
BC Blck Cherry  
BB Bee/Bir/Map  
OH Oak/Hdwd  
OR N Red Oak

OM Mixed Oak  
RM Red Maple  
BE Beech  
SF Spruce/Fir  
SM Sugar Maple  
PP Pitch Pine

### Designation of Trees

CT Cut Tree  
LT Leave Tree  
SB Stand Boundary  
OT Other  
**Landowner Objective**  
LT Long-term Mgt.  
ST Short-term Har.

### Type of Cut

SH Shelterwood  
ST Seed Tree  
CC Clear Cut  
SE Selection  
SA Salvage  
SN Sanitation

### Intermediate Harvests:

CT Commercial Thin  
NT Non Com Thin  
**Non-Standard Systems:**  
HG Highgrade\*  
DL Diameter Limit\*  
OT Other\*

### Source of Regeneration

AD Advanced  
SE Natural Seed  
PL Plant  
CO Coppice  
DS Direct Seed  
OT Other

# Cutting Plan Overrun

## Stand Treatment

### Cutting Standards

Indicate location on map	ST-5	ST-6	ST-7	ST-8
Forest Type	-	-	-	-
Acres	-	-	-	-
Landowner Objective	-	-	-	-
Designation of Trees	-	-	-	-
Type of Cut	-	-	-	-
Source of Regeneration	-	-	-	-

## Best Management Practices

### Stream Crossings

Indicate location on map	SC-5	SC-6	SC-7	SC-8
Type of Crossing	PO	-	-	-
Existing Structure	N	-	-	-
Type of Bottom	ST	-	-	-
Bank Height (ft)	1	-	-	-
Stabilization	CO	-	-	-

### Stream Crossings

Indicate location on map	SC-9	SC-10	SC-11	SC-12	SC-13	SC-14	SC-15	SC-16
Type of Crossing	-	-	-	-	-	-	-	-
Existing Structure	-	-	-	-	-	-	-	-
Type of Bottom	-	-	-	-	-	-	-	-
Bank Height (ft)	-	-	-	-	-	-	-	-
Stabilization	-	-	-	-	-	-	-	-

### Filter Strips

Indicate Location on Map	FS-5	FS-6	FS-7	FS-8	FS-9	FS-10	FS-11	FS-12	FS-13
Width (50', 100', or VA)	-	-	-	-	-	-	-	-	-

### Harvesting in Wetlands

Indicate location on map	HW-5	HW-6	HW-7	HW-8
Forest Type (see pg 2)	-	-	-	-
Acres to be Harvested	-	-	-	-
Resid. Basal Area (>50%?)	-	-	-	-



# Forest Cutting Plan

## Narrative Page (Effective Date: 1/1/04)

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

Landowner W.D. Cows, Inc.

Town Shutesbury

File Number 272-9203-18

### BMPs

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.

Best Management Practices will be utilized. Trees will be harvested during frozen conditions to minimize soil disturbances and compaction.

The existing landing may be expanded to accommodate a log chipper and chip trailers.

Trees to be retained will be marked with blue paint. Products to be harvested are taken from cruise data.

Patch cuts up to 1/3 acre may be created in suitable areas with high concentrations of undesirable growing stock. Patches will be flagged.

WC-3 is associated with SC-2 and will be poled.

### Designation of Trees

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.

Stand No.	Species to be Cut	Size of Trees to be Cut	Quality of Trees to be Cut	% BA/Acre Removed

### Regeneration & Future Condition

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

Stand No. **Desired Future Condition**  
Describe what the stand is expected to look like five years from the harvest, including the condition of the overstory & understory


# Carver Lot - South

Shutesbury, Massachusetts

Property of W.D. Cowls, Inc.

Prepared by Jacob A. Macko 2017



From Owners Records

57.81 of 265.78 Acres 1"=400'

0 200 400 800 Feet

## Legend



Landing



Public Road



Existing Skid Road



New Skid Road



Harvest in Wetland



Stand Type



Stream



Filter Strip



Wetland



Harvest Boundary



Property Boundary

Montague Road

WC-2

HW-1

WC-1

FS-1

SC-2

WC-3

ST-13  
WHO4

SC-1

SC-3

FS-2

HW-2

ST-14  
OHH4

SC-5

SC-4

FS-4



# Carver Lot - South

Shutesbury, Massachusetts

Property of W.D. Cowls, Inc.

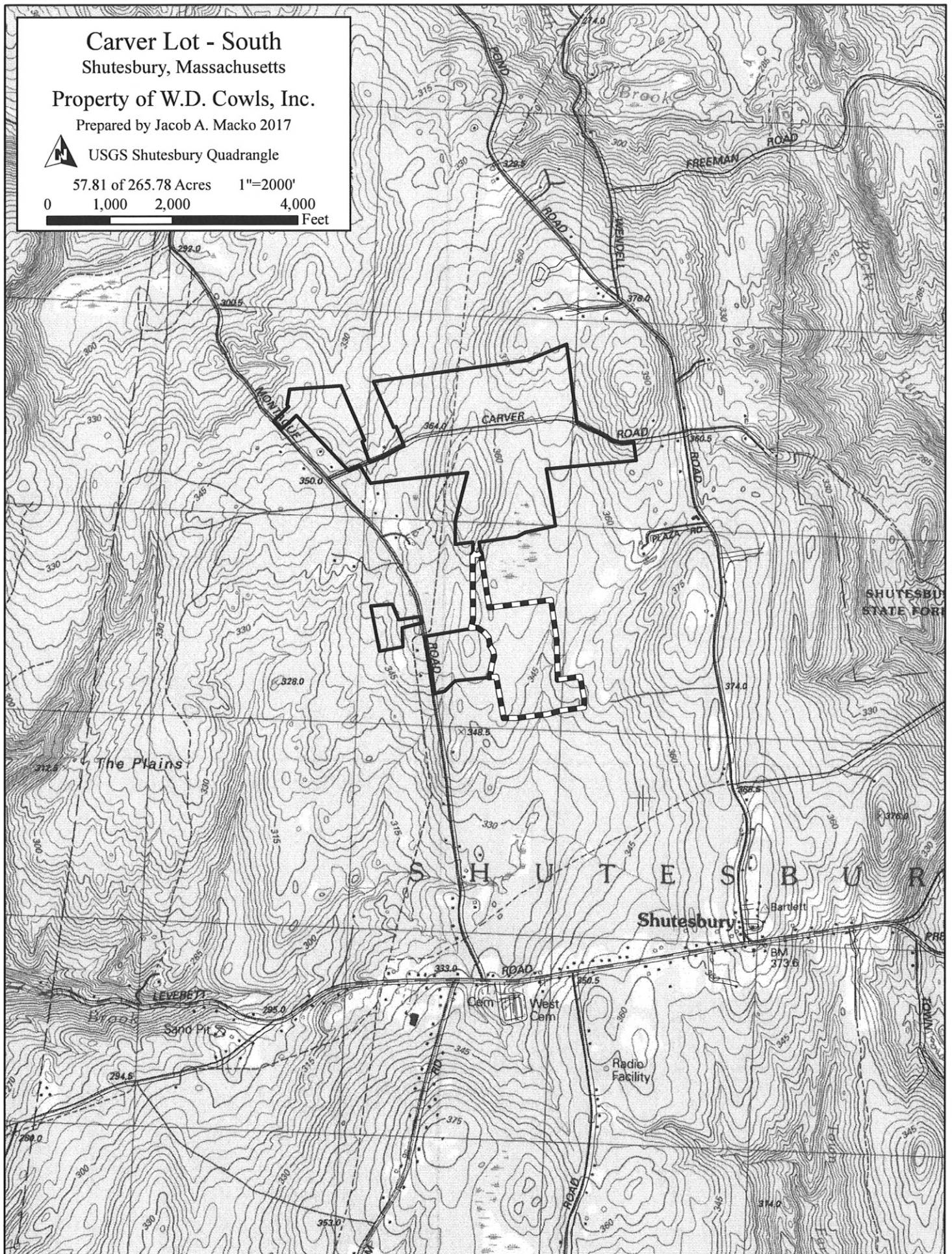
Prepared by Jacob A. Macko 2017



USGS Shutesbury Quadrangle

57.81 of 265.78 Acres 1"=2000'

0 1,000 2,000 4,000 Feet



dc

COMMONWEALTH OF MASSACHUSETTS  
Department of Conservation and Recreation  
Division of State Parks and Recreation



FILE #

272.9203.18

W

## FOREST CUTTING PLAN CERTIFICATE

Post this in a conspicuous place within the area in which the harvesting operation is to take place.

This certifies that W.D. Cawls, Inc. North Amherst, MA 01059 in accordance with the  
(Name of Owner) (Address)

provision of M.G.L. Chapter 132, Section 40-46, filed in Amherst F.O. with the Dept. of Conservation  
and Recreation, Division of State Parks and Recreation, a Notice of Intent to cut forest products upon the  
"Carver - South" Lot.

Approval Date

1/3/18

Director's Agent

Pete Grima

DCR Phone No.

(413) 442-8928 x127 (o)  
(413) 212-2152 (c)

ISSUED BY:

Priscilla E. Geigis, Director  
Division of State Parks and Recreation