

# 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 330-22410-01 Case No. \_\_\_\_\_  
Date Rec'd 12-16-19 Nat. Hert. ND  
Earliest Start 1-2-20 Pub. Dr. Wat. ND  
River Basin Mechanic ACBC ND  
Gen. Obj. LT

Site Information

### Location

Town Westford  
Road Forge Village Road  
Acres 20 Proposed Start Date 1/1/20  
Vol. MBF 60 Vol. Cds. - Vol. Tons 500

### Plan Preparer

Name John Robbins  
Address Consulting Forester  
59 Wilson Road  
Town, State, Zip Concord, MA 01742  
Phone (978) 369-3128  
Type of Preparer LF  
\*Mass. Forester License # 210  
\*Required for land under Ch61, Ch61A or Forest Stewardship

### Landowner

Name Westford Water Department  
Mailing Address 60 Forge Village Road  
Town, State, Zip Westford, MA 01886  
Phone (978) 692-5529  
Ch61  61A  61B  Stew  \*Case #  
FSC  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.

Best Management Practices

### Stream Crossings N/A

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

### Wetland Crossings N/A

Indicate location on map	WC-1	WC-2	WC-3	WC-4
Length of Crossing				
Mitigation				
Stabilization				

### Filter Strips N/A

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

### Harvesting in Wetlands N/A

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

### Service Forester Comments

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Codes

<b>Type of Preparer</b>	<b>Type of Crossing</b>	<b>Stabilization</b>	<b>Mitigation</b>	<b>Type of Bottom</b>
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.

Forest Products

### Products to be Harvested\*

Species	Mbf/Cds		Mbf/Cds
White Pine	60 Mbf	Red Maple	
Red Pine		Sugar Maple	
Pitch Pine		Red Oak	
Hemlock		Black Oak	
Spruce		White Oak	
Other Sftwd.		Other Hdwd.	
White Ash		<b>Total Mbf</b>	<b>60 Mbf</b>
Beech		<b>Cordwood (Cds)</b>	-
White Birch		<b>SW Pulp (Tons)</b>	-
B & Y Birch		<b>HW Pulp (Tons)</b>	-
Black Cherry		<b>Chips (Tons)</b>	<b>500 (Tons)</b>

\*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.

Stand Treatment

### Cutting Standards

Indicate location on map	ST-1	ST-2	ST-3	ST-4
Forest Type	WP			
Acres	20			
Landowner Objective	LT			
Designation of Trees	CT			
Type of Cut	SE			
Source of Regeneration	AD & SE			

Landowner

### 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.

12/9/19  
Date

Service Forester

### Determination and Status 330-22610-20

Approved  Disapproved  Expires 12-16-21

Cutting Plan

Signature of Service Forester/Director's Agent 1-14-2020  
Date

### 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 \_\_\_\_\_

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

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

Codes

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

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

# 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 Westford Water Dept.

Town Westford

File Number 330-22610-20

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.

N/A

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.

N/A

Stand No.	Describe Trees to be Cut			Describe Trees to be Left			% BA/AC	
	Species	Size	Quality	Species	Size	Quality	Cut	Left

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.

N/A

Stand No.    Source of Regeneration (ex. AD, SE)

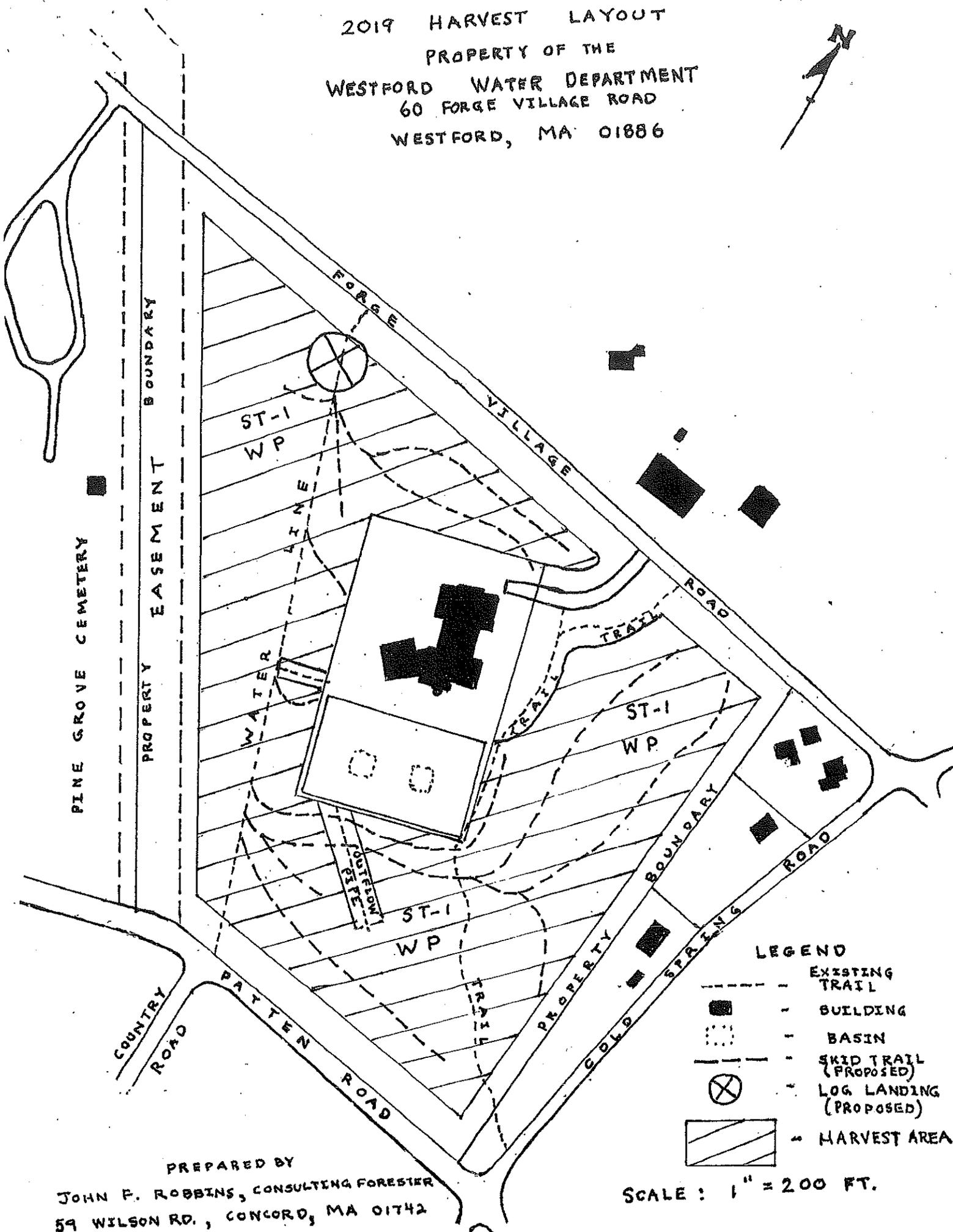
**How will Regeneration be obtained/protected?**  
 If using AD - Describe the species present and how the regeneration will be protected  
 If using SE - Describe the source of the seed and the number of seed trees/acre

Stand No.	Source of Regeneration (ex. AD, SE)	How will Regeneration be obtained/protected?

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

Stand No.	Desired Future Condition

2019 HARVEST LAYOUT  
PROPERTY OF THE  
WESTFORD WATER DEPARTMENT  
60 FORGE VILLAGE ROAD  
WESTFORD, MA 01886



LEGEND

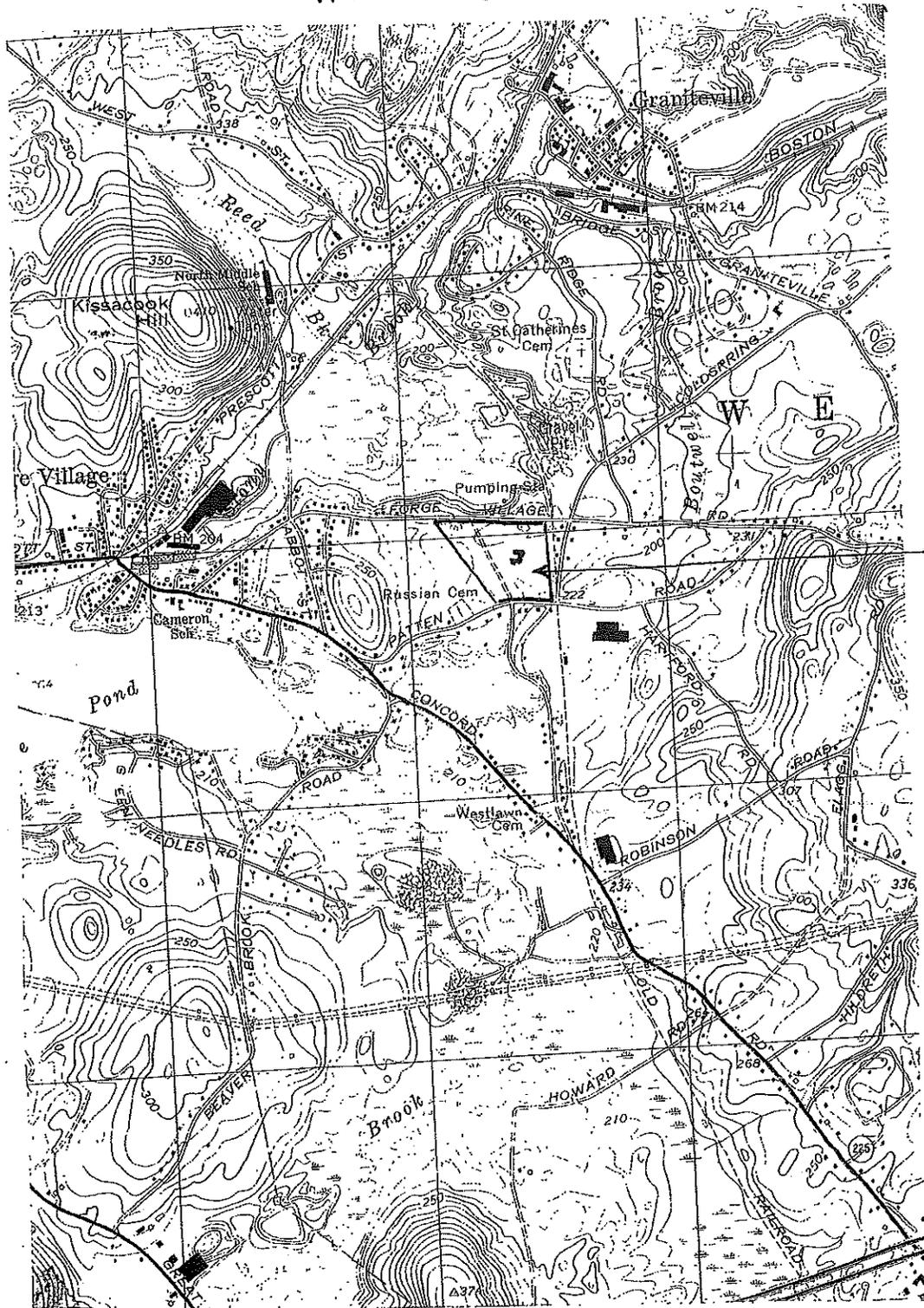
- - - - - EXISTING TRAIL
- ■ - BUILDING
- □ (dotted) - BASIN
- - - - - SKID TRAIL (PROPOSED)
- ⊗ - LOG LANDING (PROPOSED)
- ▨ - HARVEST AREA

SCALE : 1" = 200 FT.

PREPARED BY  
JOHN F. ROBBINS, CONSULTING FORESTER  
59 WILSON RD., CONCORD, MA 01742

# LOCUS MAP

PROPERTY OF THE  
WESTFORD WATER DEPARTMENT  
60 FORGE VILLAGE ROAD  
WESTFORD, MA 01886



PROPERTY  
LOCATION

FROM U.S.G.S. WESTFORD QUADRANGLE  
SCALE: 1" = APPROX. 2000 FT.

## 2019 FOREST CUTTING PLAN

For the Property of the

Westford Water Department

60 Forge Village Road, Westford, MA 01886

This white pine selection harvest on the 20 acres of forestland managed by the Westford Water Department on Forge Village Road in Westford is intended to promote a more healthy and diverse forest through selective cutting. This forest was last harvested approximately 20 years ago. In the years following the harvest, regeneration of pine, oak, and other hardwoods was abundant, and these young sapling and pole-sized trees are now struggling to grow in the shade of the older, mature trees. By removing a portion of the older trees, openings created in the overstory canopy will provide more sunlight and growing space for the remaining older trees and young trees growing in the understory. High risk trees near the parking area and fenced area at the rear of the treatment facility will also be removed during the harvest. Overall the harvest will reduce the density of the forest by approximately 20%.

Cut trees will be brought to a log landing area off Forge Village Road where merchantable wood will be processed into sawlogs and wood chips and trucked away. The thinning project is expected to be completed in about two weeks. The Forest Cutting Plan on the following pages shows the layout of the harvest and the approximate timber volume to be produced.

Periodic future harvests at 15-20 year intervals should be considered to maintain a healthy, resilient forest with a variety of tree and shrub species of several age-classes.

dc



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

FILE # 330-22610-20

# 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 Westford Water Dept. Westford, MA 01886 in accordance with the  
(Name of Owner) (Address)

provision of M.G.L. Chapter 132, Section 40-46, filed in Clinton with the Dept. of Conservation  
and Recreation, Division of State Parks and Recreation, a Notice of Intent to cut forest products upon the  
Forge Village Rd. lot.

Approval Date 1-14-20  
Director's Agent Laura Dooley  
DCR Phone No. 978-937-2092 x112

ISSUED BY: 

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