

**Massachusetts Department of Conservation and Recreation  
Division of Water Supply Protection, Office of Watershed Management  
*Forest Management Project Summary***

**Project Title: Javenpaw Pit**

DWSP Harvest Permit Number: 4410

DWSP Proposal ID: WR-20-40-3

DCR Forest Cutting Plan File Number: 235-34011-23

***Site Information***

Watershed: Ware River Watershed

Town(s): Phillipston

Acres: 12.9

Nearest Road: Williamsville Rd

Natural Heritage Atlas overlap?: No

Public Drinking Water Supply Watershed?: Yes

Forest Types: white pine/oak, white pine hardwood

Area of Critical Environmental Concern (ACEC)?: No

Soils: 908C – Beckett-Skerry association, 942C – Turnbridge-Lyman-Berkshire association.

Wetland Resources: The harvest area is adjacent to several wetlands and intermittent streams.

Vernal Pools: No

***Harvest Information***

Harvest Start Date: 9/19/23

Harvest End Date: 10/10/23

Number of Wetland Crossings: None

Number of Stream Crossings: Two

***Best Management Practices Applied***

Stream Crossings: There are two stream crossings.

Filter Strips: There is no harvesting in a filter strip.

Wetland Crossings: There are no wetland crossings.

Harvesting in Wetlands: There is no harvesting in wetlands.

***DWSP Forester supervising this harvest***

Name: Russ Wilmot

Forester License number: 426

Phone number: 857 262 3809

Email: Russell.Wilmot@mass.gov

## **Narrative**

### ***General Description/Forest Composition/History:***

The harvest area is located in the town of Phillipston, east of Williamsville Rd. It consists of 8.1 acres of a white pine/hardwood stand and 4.8 acres of a white pine/hardwood. Tree species present in the overstory are white pine, red, black, and white oaks, red maple, black cherry, white ash, paper birch, black birch, yellow birch, American beech, and eastern hemlock. The understory consists of eastern white pine, red, black, and white oak, red maple, black birch, white ash, American beech, eastern hemlock and black cherry.

Glossy buckthorn is present but not well established. Some stems were hand pulled during tree marking.

The soils are well drained.

### ***Site Selection***

The primary goal of the watershed forest management program is to create and maintain a forest that provides high quality drinking water to current users and future generations. A healthy and resilient forest is comprised of diverse native tree and shrub species and multiple age classes of trees.

This harvest area was chosen because there is a high component of even aged low quality overstory white pine. Stands like these are low in diversity and susceptible to wind events.

### ***Silvicultural Objectives***

The harvest will remove the lower quality white pine in groups. The goal is to put enough sunlight on the ground to allow new natural regeneration of diverse species to be established. Seven group selection openings of 0.6, 1.0, 1.0, 1.0, 1.2, 1.4 and 1.9 acres in size and one clearcut of 4.8 acres in size will be established, with a few healthy overstory trees retained in each opening.

### ***Cultural Resources***

Standard practice dictates that every effort is made to avoid disturbing stone walls and other cultural resources.

### ***Rare or Endangered Species***

Natural Heritage Endangered Species Program (NHESP) does not show any rare habitat within the harvest area.

Figures

Figure 1. Final Forest Cutting Plan

# 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) *Final (3/25)*

*email*

For DCR Use Only:	
File Number <u>235-34011-23</u>	Case No. <u>NA</u>
Date Rec'd <u>8/22/23</u>	Nat. Hert. <u>NA</u>
Earliest Start <u>9/7/23</u>	Pub. Dr. Wat. <u>Yes</u>
River Basin <u>Chicopee</u>	ACEC <u>No</u>
Gen. Obj. <u>LT</u>	

Site Information

### Location

Town Phillipston  
 Road Williamsville Rd  
 Acres 12.9 Proposed Start Date 9/22  
 Vol. MBF 142.8 Vol. Cds. 174 Vol. Tons 411

### Plan Preparer

Name Kenneth W. Canfield  
 Address 578 Old Turnpike Rd  
 Town, State, Zip Oakham, MA 01068  
 Phone (857) 274-7090  
 Type of Preparer LF  
 \*Mass. Forester License # 431  
 \*Required for land under Ch61, Ch61A or Forest Stewardship

### Landowner

Name DCR Division of Water Supply Protection  
 Mailing Address 485 Ware Rd  
 Town, State, Zip Belchertown, MA 01007  
 Phone (413) 323 - 6921  
 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

Indicate location on map	SC-1	SC-2	SC-3	SC-4
Type of Crossing	CU	<u>OT</u>		
Existing Structure	YES	NO		
Type of Bottom	OT	ST		
Bank Height (ft)	1-2' <input type="checkbox"/>	<1' <input type="checkbox"/>		
Stabilization	CO	CO		

### Wetland Crossings

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

### Filter Strips

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

### Harvesting in Wetlands

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

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.

If Other (OT) is used in any category an explanation must be given on an attached narrative page

Forest Products

Products to be Harvested\*

Table with 4 columns: Species, Mb/Cds, and Mb/Cds. Rows include White Pine, Red Pine, Pitch Pine, Hemlock, Spruce, Other Sftwd., White Ash, Beech, White Birch, B & Y Birch, and Black Cherry.

\*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

Table with 5 columns: Indicate location on map, ST-1, ST-2, ST-3, ST-4. Rows include Forest Type, Acres, Landowner Objective, Designation of Trees, Type of Cut, and Source of Regeneration.

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.

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.

Dan Clark
Digitally signed by Dan Clark
Date: 2022.08.11 07:23:20 -0400

8/11/2022

Signature of landowner(s)

Date

Service Forester

Determination and Status

Form with checkboxes for Approved, Disapproved, Expires, Cutting Plan, Extension, and Amendment. Includes signature and date fields.

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: 8.13.25

Codes

Table with 4 columns: Forest Types, Designation of Trees, Type of Cut, and Source of Regeneration. Lists various codes and their corresponding descriptions.

\*If Other (OT) or a non-standard system is used an explanation must be given on attached narrative page pg 4 of 5

# 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 DCR - DWSP

Town Phillipston

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

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.  
 Stand 1 consists of 7 group selection patches that are 0.6, 1.0, 1.0,1.0, 1.2, 1.4, and 1.9 acres. Stand 2 is a 4.8 acre clearcut. Approximately 5 square feet of basal area per acre will be retained post harvest in all openings. Retention trees will be vigorous well formed stems, particularly red oak and white pine, or stems of any species with unique wildlife features such as large cavities. SC-1 is a culverted crossing on an existing gravel access road that will be used as a skid trail. SC-2 will be poled if there is no flow at time of harvest and bridged if there is flow.

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. Additional narrative description may be added on a separate page.

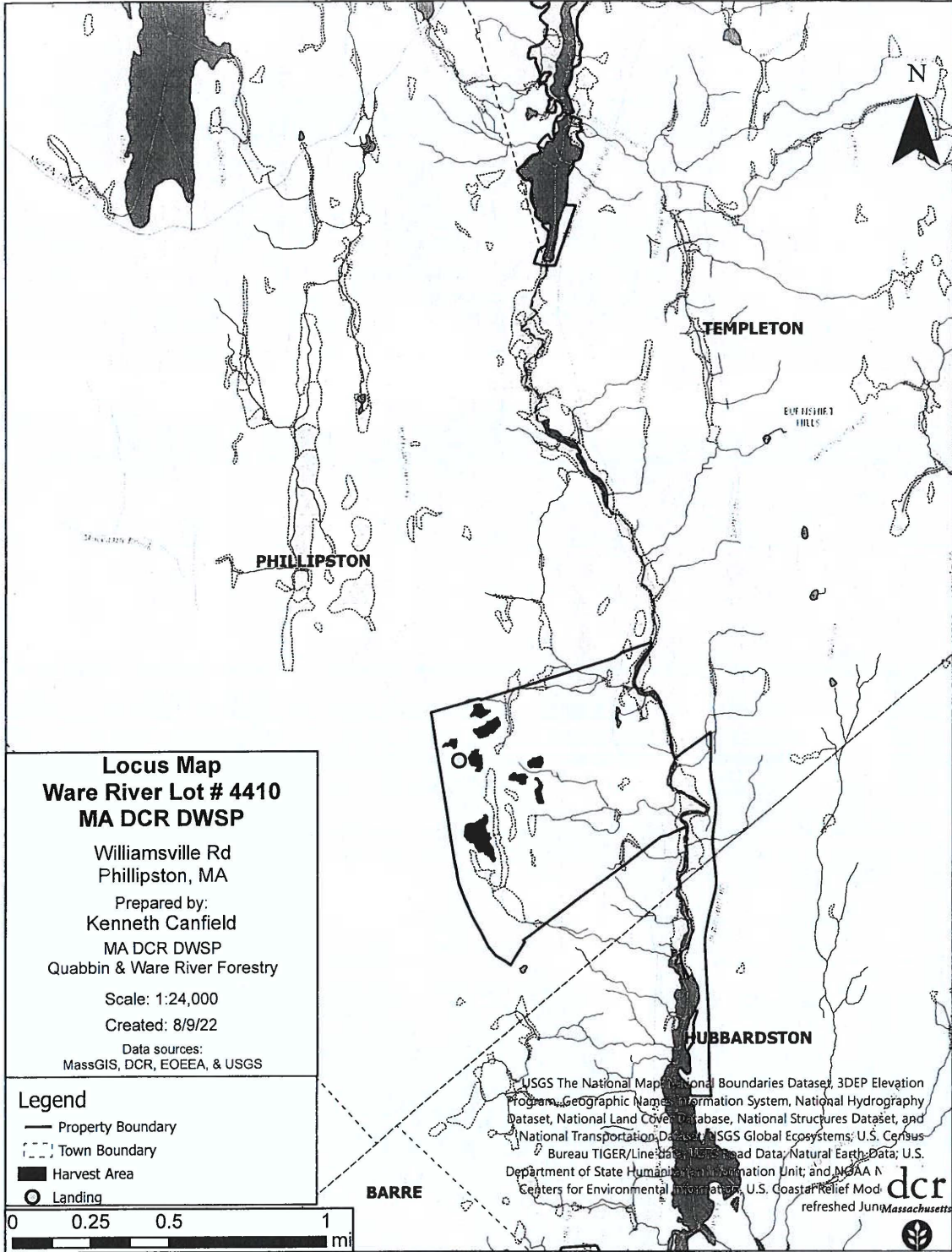
Stand No.	Describe Trees to be Cut			Describe Trees to be Left			% BA/AC	
	Species	Size	Quality	Species	Size	Quality	Cut	Left

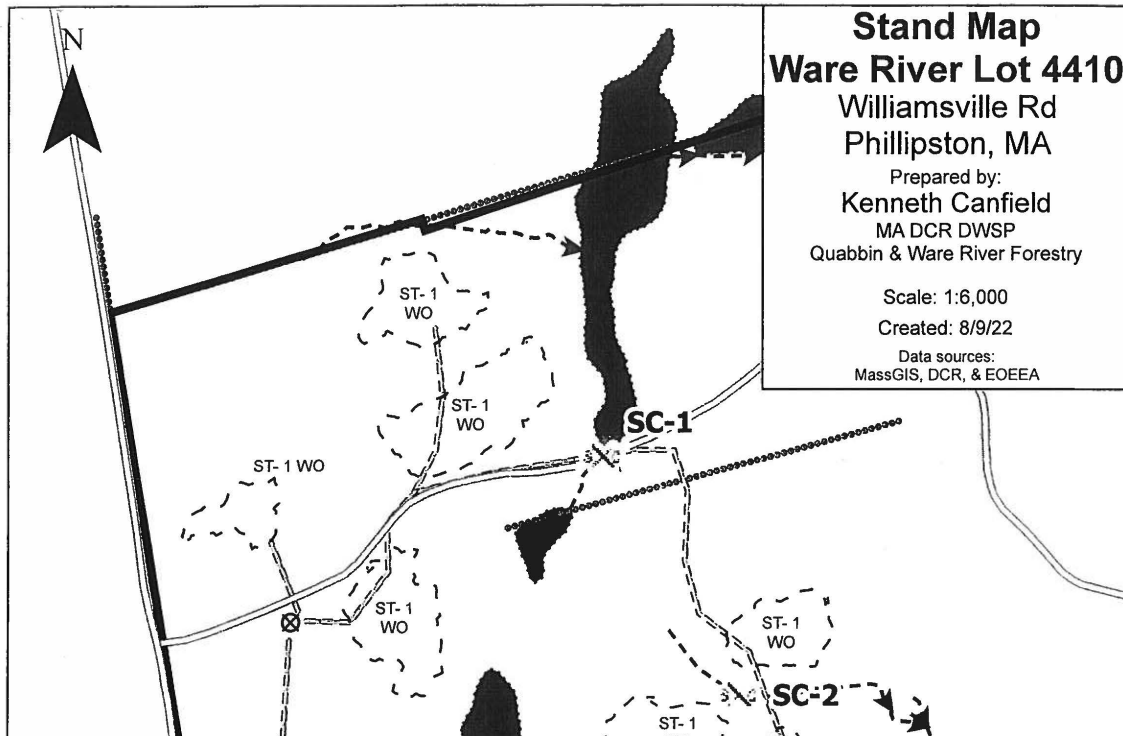
Regeneration & Future Condition

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.

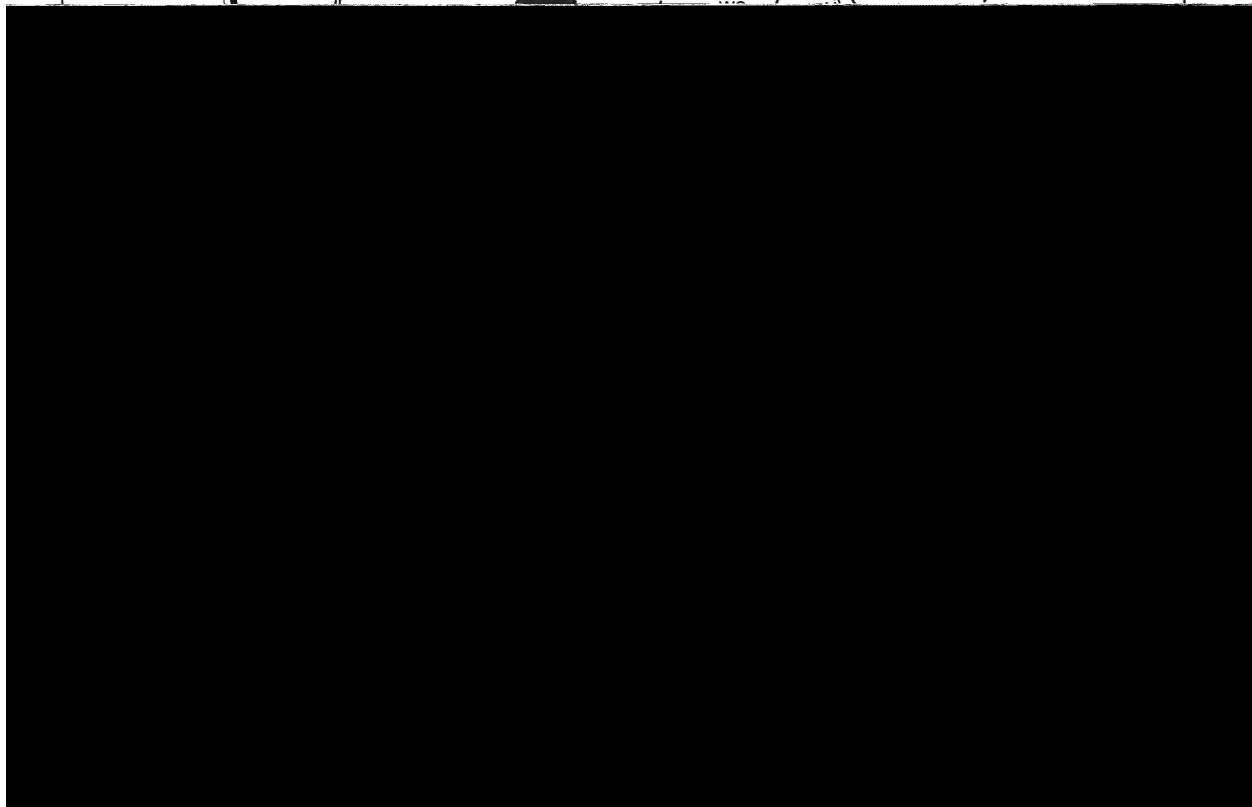
Stand No.	Source of Regeneration (ex. AD, SE)	How will Regeneration be obtained/protected? If using AD - Describe the species present and how the regeneration will be protected If using SE - Describe the source of the seed and the number of seed trees/acre

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 & understorey





**Stand Map**  
**Ware River Lot 4410**  
Williamsville Rd  
Phillipston, MA  
Prepared by:  
**Kenneth Canfield**  
MA DCR DWSP  
Quabbin & Ware River Forestry  
Scale: 1:6,000  
Created: 8/9/22  
Data sources:  
MassGIS, DCR, & EOEAA



dcf



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

FILE # 235-34011-23

# 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 DCR-DWSP 485 Ware Rd, Belchertown, MA in accordance with the  
(Name of Owner) (Address) 01007

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  
Ware River 4410 lot.

Approval Date 8/31/22

Director's Agent Andrew Rauliffe

DCR Phone No. 617-549-1677

ISSUED BY: 

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