

**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)*

For DCR Use Only:

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

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	OT		
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

Products to be Harvested*

Species	Mbf/Cds		Mbf/Cds
White Pine	116.8 Mbf	Red Maple	80 Cds
Red Pine		Sugar Maple	
Pitch Pine		Red Oak	24.5 Mbf
Hemlock	1.3 Mbf	Black Oak	
Spruce		White Oak	
Other Sftwd.		Other Hdwd.	62 Cds
White Ash	0.2 Mbf	Total Mbf	142.8
Beech	2 Cds	Cordwood (Cds)	174
White Birch	9 Cds	SW Pulp (Tons)	
B & Y Birch	12 Cds	HW Pulp (Tons)	
Black Cherry	7 Cds	Chips (Tons)	411

*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
Forest Type	WO <input checked="" type="checkbox"/>	WH <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Acres	8.1	4.8		
Landowner Objective	LT	LT		
Designation of Trees	CT <input checked="" type="checkbox"/>	CT <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Type of Cut	SE <input checked="" type="checkbox"/>	CC <input checked="" type="checkbox"/>		
Source of Regeneration	SE	SE	<input checked="" type="checkbox"/>	<input checked="" 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.

Digitally signed by Dan

Dan Clark

Clark
Date: 2022.08.11 07:23:20
-04'00'

8/11/2022

Signature of landowner(s)

Date

Determination and Status

Approved Disapproved Expires

Cutting Plan



8-22-25

Signature of Service Forester/Director's Agent

8-31-22

Date

Extension



Expires

Ser. For. Ints.

Amendment



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

3-13-25

Date

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

*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.

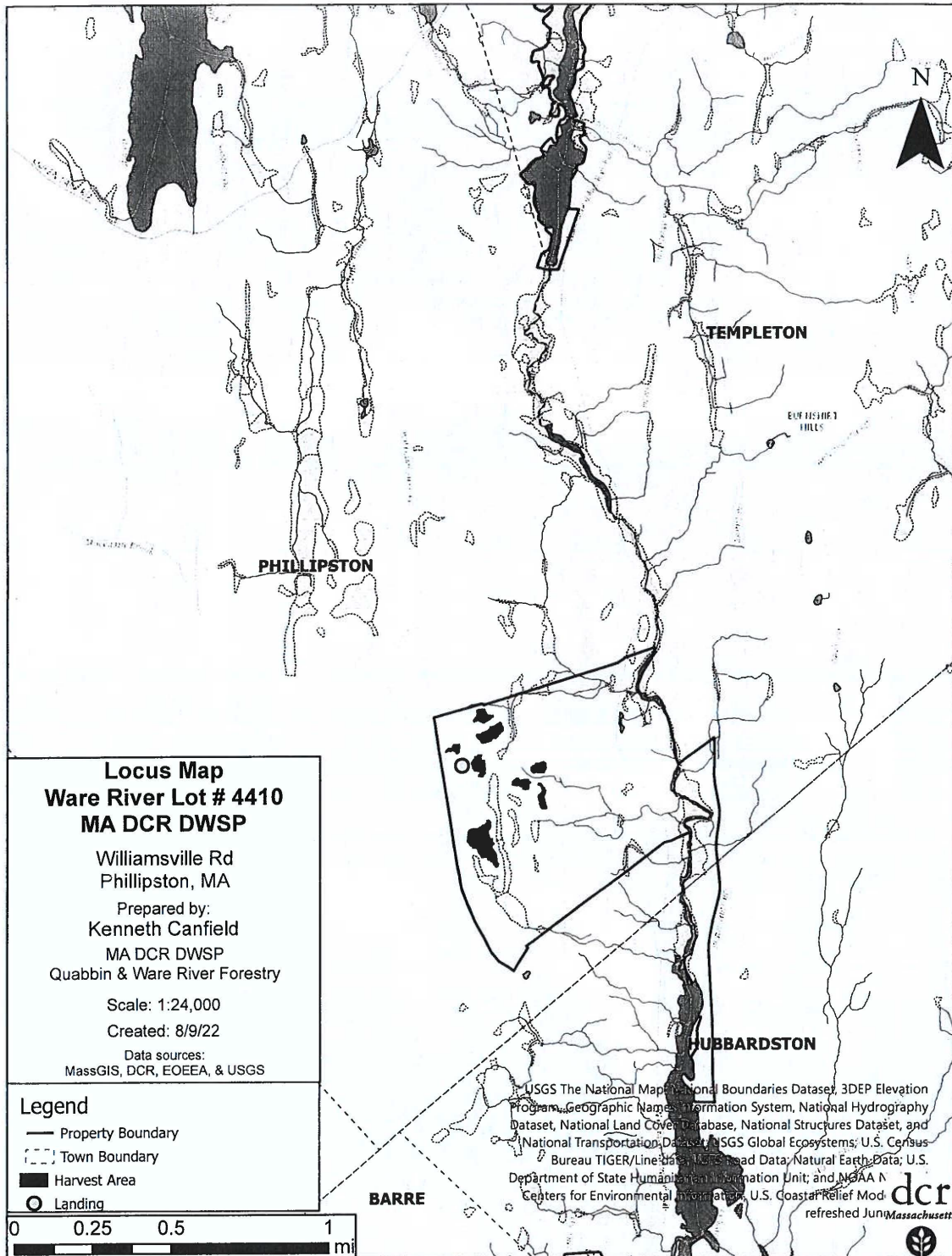
Stand No.	Describe Trees to be Cut			Describe Trees to be Left			% BA/AC	
	Species	Size	Quality	Species	Size	Quality	Cut	Left

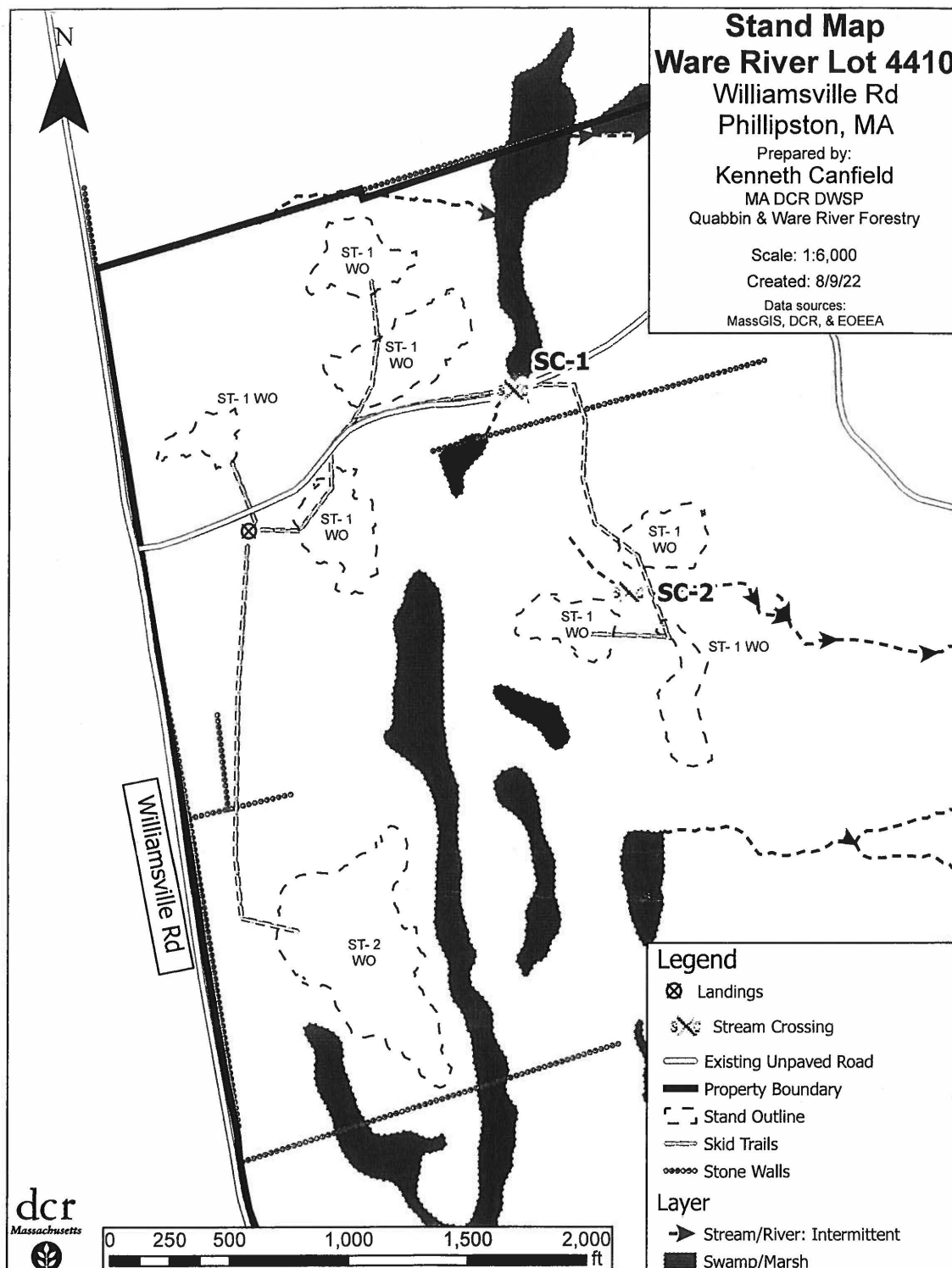
Regeneration & Future Condition

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
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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
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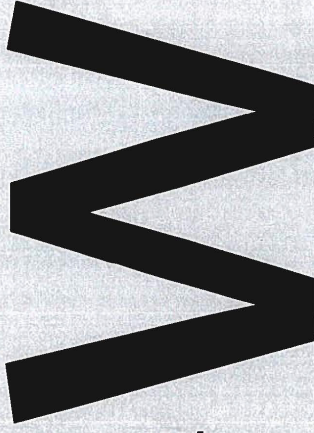


dc_r

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



FILE # 235-34011-23



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 Rancic

DCR Phone No. 617-549-1677

ISSUED BY:

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