

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

Project Title: Poverty Square Rd

DWSP Harvest Permit Number: 4416

DWSP Proposal ID: WR-22-2-2

DCR Forest Cutting Plan File Number: 222.43529.26

Site Information

Watershed: Ware River Watershed

Town(s): Oakham

Acres: 11

Nearest Road: Poverty Square Rd

Natural Heritage Atlas overlap?: Yes

Public Drinking Water Supply Watershed?: Yes

Forest Types: White pine/oak, red pine

Area of Critical Environmental Concern (ACEC)?: No

Soils: Hinckley loamy sand, 15 to 25 percent slopes - Excessively drained 51%

Hinckley loamy sand, 3 to 8 percent slopes - Excessively drained 49%

Wetland Resources: There is a bog just West of the landing area.

Vernal Pools: None known.

Harvest Information

Harvest Start Date: TBD

Harvest End Date: TBD

Number of Wetland Crossings: None

Number of Stream Crossings: None

Best Management Practices Applied

Stream Crossings: There are no stream crossings.

Filter Strips: There is one variable width filter strip for the stream flowing northerly out of the bog area with no harvesting.

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

Site Description

Lot 4416 is located on the South side of Poverty Square Rd in Oakham.

The Red Pine stand is fading out and dying. Midstory white pine is soon to be taking over as the red pines die out. The midstory also has areas of red oak mixed with black cherry, black oak, white oak, Norway spruce, and eastern hemlock. On the hilltop is a white pine – oak stand, this stand is the southern edge of the lot along Route 122 and the power lines. The stand is dominated by white pine and white and red oak. Black oak, black cherry, red maple, pitch pine, eastern hemlock, and European larch are also present in the overstory.

Glossy buckthorn is well established throughout the red pine stand. Wild grape is also thick in spots.

Site Selection

A main goal of harvesting on watershed land is to create and maintain a forest that is both diverse (in species and ages) and vigorously growing. A diverse vigorously growing forest is more resilient and is more capable to quickly recover from disturbances, including diseases, insect infestations, ice storms, tornados and hurricanes.

This site was selected because of its degrading red pine stand and its abundance of regeneration established from past thinnings. Harvesting on this lot will thin the thick regeneration, remove the dying red pine and help create a forest with more species and age class diversity than it currently has. The increase in sunlight after the harvest will invigorate the growth of the retained trees impacted by the harvest as well as the advanced regeneration and the new seedlings yet to arrive. This combination of structural and species diversity builds resistance and resilience in the forest.

Silvicultural Objectives

The intent of this harvest in the red pine stand is to remove the few remaining red pine, white pine and spruce in the overstory and thin the thick midstory white pine retaining the healthiest most vigorous stems, while also retaining all of the oaks, black cherry and other hardwoods where possible.

In the southern portion of the harvest is a white pine/oak stand on a knob with a good mix of hardwood/pine regeneration. A single opening of 1.8 acres will be made here.

Cultural Resources

There are cultural sites that will be buffered.

Rare or Endangered Species

NHESP has determined that certain state-listed sensitive species or habitats may exist within the lot proposal area. To protect them from unnecessary disturbance, detailed information regarding affected species and their locations is not included in this report. DWSP will coordinate with NHESP and follow recommendations to protect these species during the proposed activity.

Figures

- Figure 1. Final Forest Cutting Plan

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: 1/1/04)

For DCR Use Only:

File Number	20043501a6	Case No.	
Date Rec'd	11.5.05	Nat. Hert.	YES
Earliest Start	11.21.05	Nat. Hert. Imp.	
River Basin	MICONEE	Pub. Dr. Wat.	YES
Gen. Obj.	LT	ACEC	NO

NOV 05 2005

Site Information

Location

Town Oakham Lot 4416
 Road Route 122
 Acres 11 Proposed Start Date 11/20/25
 Vol. MBF 28.5 Vol. Cds. 26 Vol. Tons 425

Plan Preparer

Name Russell Wilnot
 Address 578 Old Turnpike Rd
 Town, State, Zip Oakham, MA, 01068
 Phone 1-857-262-3809
 Type of Preparer Mass. Licensed Forester
 *Mass. Forester License # 426
 *Required for land under Ch61, Ch61A or Forest Stewardship

Landowner

Name DCR/DWSP/OWM Ouabbin/Ware River
 Mailing Address 485 Ware Rd.
 Town, State, Zip Belchertown, MA 01007
 Phone 413-323-7221
 Ch61 Ch61A Stew *Case # -
 Est. Stumpage Value _____

Licensed Timber Harvester**

Name Will be provided when known
 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				
Existing Structure				
Type of Bottom				
Bank Height (ft)				
Stabilization				

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)	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

See attached NAESP letter.

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

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 to be Harvested*

Species	Mb/Cds		Mb/Cds
White Pine	11.4	Red Maple	
Red Pine	12.8	Sugar Maple	
Pitch Pine		Red Oak	0.6
Hemlock		Black Oak	0.1
Spruce	3.0	White Oak	0.6
Other Sftwd.		Other Hdwd.	
White Ash		Total Mbf	28.5
Beech		Cordwood (Cds)	26
White Birch		SW Pulp (Tons)	
B & Y Birch		HW Pulp (Tons)	
Black Cherry		Chips (Tons)	425

Stand Treatment

Cutting Standards

Indicate location on map	ST-1	ST-2	ST-3	ST-4
Forest Type	WO	RP		
Acres	3	8		
Landowner Objective	LT	LT		
Designation of Trees	CT	CT		
Type of Cut	CC	CT		
Source of Regeneration	AD/SE	AD/SE		

*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.

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 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.

10/28/2025

Signature of landowner(s)

Date

Service Forester

Determination and Status 202.43509.06 Final Report and Comments

Approved Disapproved Expires 11-5-27

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

12/1/2025
 Signature of Service Forester/Director's Agent Date

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 1

Codes

Forest Types	Designation of Trees	Type of Cut	Intermediate Harvests:	Source of Regeneration
WP White Pine	CT Cut Tree	SH Shelterwood	CT Commercial Thin	AD Advanced
WK WP/Hem	LT Leave Tree	ST Seed Tree	NT Non Com Thin	SE Natural Seed
WH WP/Hdwd	SR Stand Boundary	CC Clear Cut	OT Other*	PL Plant
WO WP/Oak	OT Other	SE Selection	DL Diameter Limit*	CO Coppice
RP Red Pine	LT Long-term Mgt.	SA Salvage	OT Other*	DS Direct Seed
SR Red Spruce	ST Short-term Har.	SN Sanitation		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

Use only if further explanation is required of information on pages one or two or if "other" was used in any category.

Landowner: DCR DWSP

Town: Oakham

File Number 222.43529.26

BMPs	<p><u>No stream or wetland crossings.</u></p> <p><u>There is one variable width filter strip associated with the small Bog next to Poverty Square Rd.</u></p> <p><u>The landing of this project will be on Poverty Square Road in between the bog and some cultural resources, NHESP Priority Habitat 1350 covers this entire project area.</u></p>
Silviculture	<p><u>The intent of this harvest in the red pine stand is to remove the few remaining red pine, white pine and spruce in the overstory and thin the thick midstory white pine retaining the healthiest most vigorous stems, while also retaining all of the oaks, black cherry and other hardwoods where possible.</u></p> <p><u>In the southern portion of the harvest is a white pine/oak stand on a knob with a good mix of hardwood/pine regeneration. A single opening of 1.8 acres will be made here.</u></p>
Objectives	<p><u>The first objective of this operation is to thin the midstory white pine while also retaining a good mix of hardwoods where possible.</u></p> <p><u>The second objective is to create a new 1.8 acre age class of trees in the white pine/oak stand.</u></p>
Other	<p><u>Skid trails have been marked in vertical blue paint.</u></p> <p><u>Boundary trees of both the thinned area and the single opening will be retained and are orange ringed with a dot facing inside the harvest areas. Retained trees in the opening and thinned area are single orange ringed and are to be protected by timber harvester.</u></p> <p><u>Buckthorn has a strong presence here and will be monitored and managed post harvest if and when it is determined to be needed.</u></p>

DCR DWSP Timber Sale 4416

Basemap

 Sale Area (11 acres)

 Opening (1.8 acres)

 Thinned (7 acres)

 Landing

 Skid Trails

 Mass Central Rail Trail

 Utility ROW

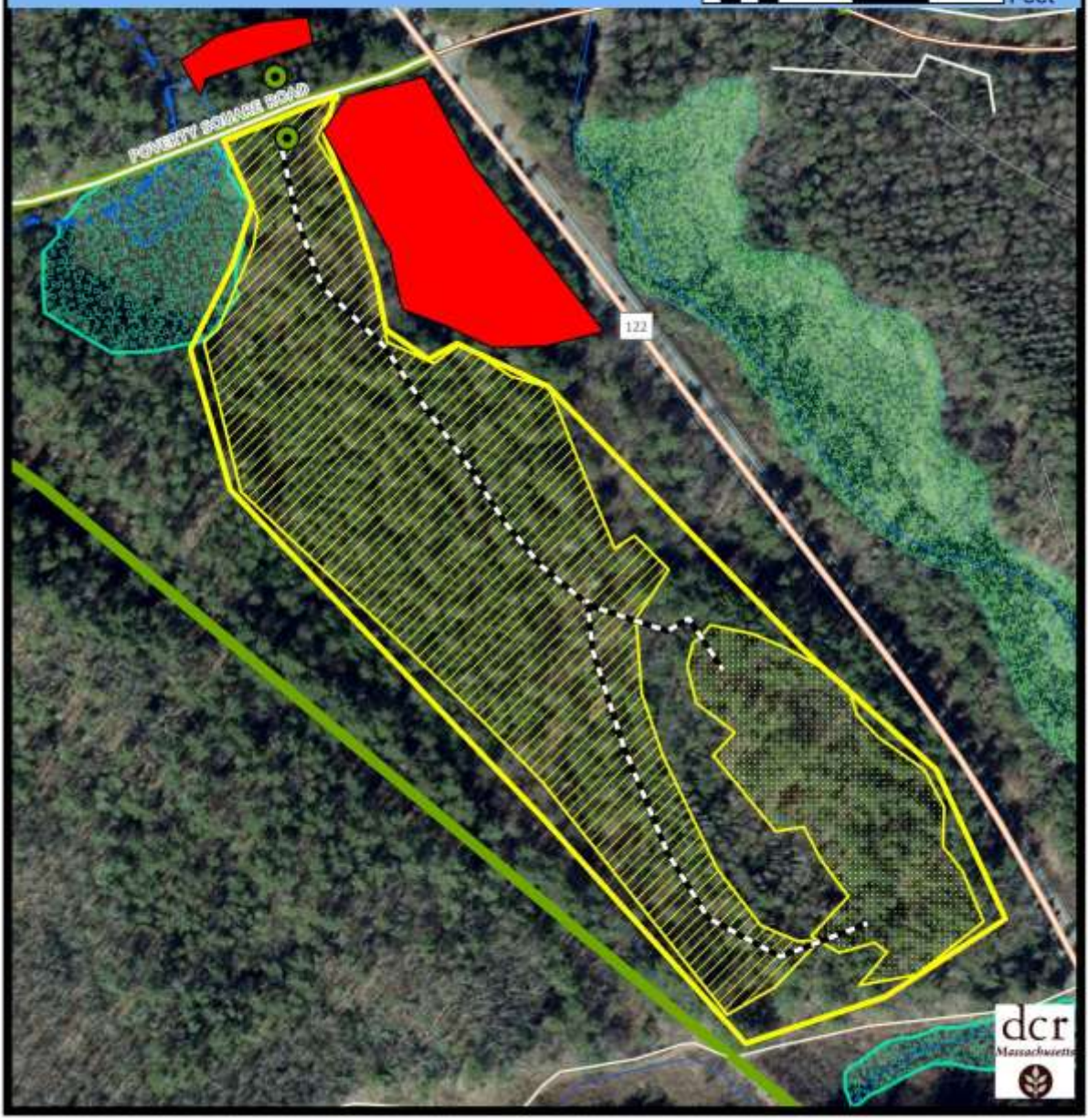
 Streams

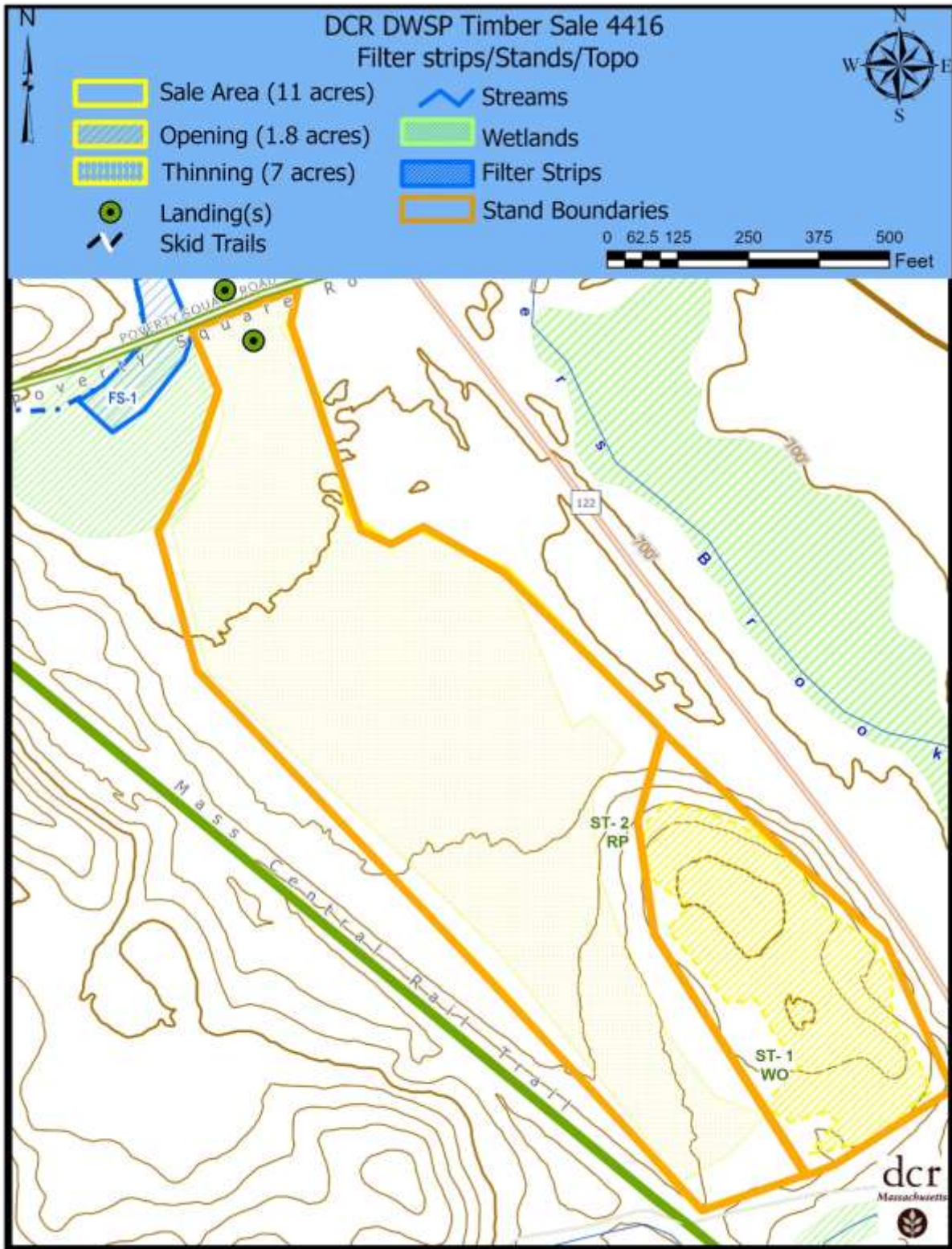
 Wetlands

 Cultural Resource Areas

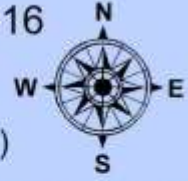


0 65 130 260 390 520
Feet





DCR -- Ware River Watershed Locus Map 4416



0 1,100 2,200 3,300 4,400
Feet



Sale area (11 Acres)

