

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

**Project Title: Boyd-Gross**

DWSP Harvest Permit Number: 3176

DWSP Proposal ID: PR-22-11

DCR Forest Cutting Plan File Number: 204-42944-25

***Site Information***

Watershed: Quabbin

Town(s): New Salem

Acres: 72

Nearest Road: Route 202, Cooleyville Rd. (Gate 17)

Natural Heritage Atlas overlap?: Yes

Public Drinking Water Supply Watershed?: Yes

Forest Types: White Pine/Red Oak, Red Oak and Mixed Oak dry site

Area of Critical Environmental Concern (ACEC)?: No

Soils: Chichester Fine Sandy Loam, Canton Fine Sandy Loam

Wetland Resources: No

Vernal Pools: No

***Harvest Information***

Harvest Start Date: December 22, 2025

Harvest End Date: May 5, 2026

Number of Wetland Crossings: 0

Number of Stream Crossings: 0

***Best Management Practices Applied***

Stream Crossings: Not Applicable

Filter Strips: Not Applicable

Wetland Crossings: Not Applicable

Harvesting in Wetlands: Not Applicable

***DWSP Forester supervising this harvest***

Name: Derek Beard

Forester License number: 14

Phone number: 617-780-0631

Email: derek.beard@mass.gov

## ***Narrative***

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

The project is located on the east side of Prescott Rd south of intersection 17-8 (Prescott Rd & Herman Powers Rd; approximately 4 miles south of gate 17. The harvest area covers 72 acres bounded to the east by upper Prescott Brook, past harvest boundary (3008) to the north, Prescott Rd to the west and past harvest boundary (3129) to the south.

Forest structure is bifurcated between two aged throughout the western half transitioning to single storied (saw timber) multi-species in the east. The western half is composed of sawtimber size white pine and red oak followed by pole size black birch trigger by 2001 red pine overstory removal. The eastern portion is composed of red oak, mixed oak and black birch. This part of the harvest was lightly thinned in 1980.

### ***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. To achieve this, DWSP has determined that the forest should contain a diversity of species in various stages of development (seedlings through large legacy trees). In addition, the forest should be vigorous; actively growing and regenerating. Forest in this condition is suited to be resilient to and quickly recover from small- and large-scale disturbances such as disease, insect infestation, ice storms and hurricanes. An immediate forest health concern coupled with an underrepresented young forest layer merits some regeneration harvesting.

### ***Silvicultural Objectives***

The main goal of the harvest is developing and/or establishing a diverse young forest age class. To accomplish this, four patch openings were sited across 72 acres. The openings total 9.7 acres, average 2.5 acres and range from 1.1 to 4.3 acres in size. In addition to being well-spaced and suited to the landscape, they all have live tree retention contributing to future forest complexity.

### ***Cultural Resources***

The project area is home to myriad stone walls and a cellar hole, both a beacon to past agrarian land use.

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

Maintaining and/or enhancing habitat is a high priority when planning and executing watershed forest management projects. As such, retaining live and dead snags, trees that show sign of use by wildlife for nesting/denning, scenting and foraging is a priority. Falling in a natural heritage bubble, the project area was reviewed by MA Natural Heritage and Endanger Species program and deemed to have no impact on the specie(s) within the bubble.

## Figures

- Figure 1. Forest Cutting Plan

Figure 1. 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)

(email scan)  
Final (5/26)

For DCR Use Only:	
File Number	214-42944-25 Case No.
Date Rec'd	8/29/24 Nat. Hert. <u>Yes</u>
Earliest Start	9/16/24 Pub. Dr. Wat. <u>Yes</u>
River Basin	Chicopee ACEC <u>No</u>
Gen. Obj.	LT

Site Information

**Location** Timber Lot 3176

Town New Salem  
 Road Prescott Road (Gate 17)  
 Acres 72 Proposed Start Date \_\_\_\_\_  
 Vol. MBF 81.2 Vol. Cds. 94 Vol. Tons 109

**Plan Preparer**

Name Derek Beard  
 Address 485 Ware Rd.  
 Town, State, Zip Belchertown, MA 01007  
 Phone (617) 780-0631  
 Type of Preparer Licensed Forester  
 \*Mass. Forester License # 14  
 \*Required for land under Ch61, Ch61A or Forest Stewardship

**Landowner**

Name DCR - Div. 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				
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)				

**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. Busal Area (>50%)				

**Service Forester Comments**

\* Heritage = No Impact - See Attached AR

Codes

Type of Preparer	Type of Crossing	Stabilization	Mitigation	Type of Bottom	Note:
LF Mass. Lic. For.	CU Culvert	SE Seed	FR Frozen	LE Ledge	Applicant must provide DCR with all relevant information before plan may be approved and cutting may begin.
TH Lic. Tim. Har	BR Bridge	MU Mulch	DR Dry	ST Stony	Some forestry activities, such as prescribed burning and pesticide or fertilizer application may require additional permits.
TB Timber Buyer	FO Ford	CO Ceedumy	OT Other	MU Mud	Consult MA Forestry BMP Manual for further information.
LO Landowner	PO Poled	ST Stone		GR Gravel	
OT Other	OT Other	HB Hay Bales		OT Other	
		OT Other			

Forest Products

Products to be Harvested\*

Table with columns: Species, MbfcDs, MbfcDs. Rows include White Pine, Red Pine, Pitch Pine, Hemlock, Spruce, Other Sflwd., White Ash, Beech, White Birch, B & Y Birch, 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 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, 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. 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.

Handwritten signature of landowner

8/29/2024

Signature of landowner(s)

Date

Service Forester

Determination and Status

Form with checkboxes for Approved, Disapproved, Expires, Extension, Amendment. Includes handwritten dates 8/29/24 and 9.20.24.

Final Report and Comments

I hereby certify that the afore described Forest Cutting Plan and all relevant statutes have been substantially complied with.
Handwritten signature and date 5.12.26.

Codes

Table with columns: Forest Types, Designation of Trees, Type of Cut, 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 New Salem

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.  
 This project encompasses four patch clear cuts covering 9.7 acres. All openings have live and dead tree retention. Patch cut boundaries (three stripes) and live retention trees are marked with yellow paint. Trees to be harvested are marked with blue paint. Main skid roads are marked with vertically striped blue paint. Patch 4 is home to scattered pitch pine being retained to bolster long term forest diversity.

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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**Stand Map  
DCR DWSP Lot 3176**

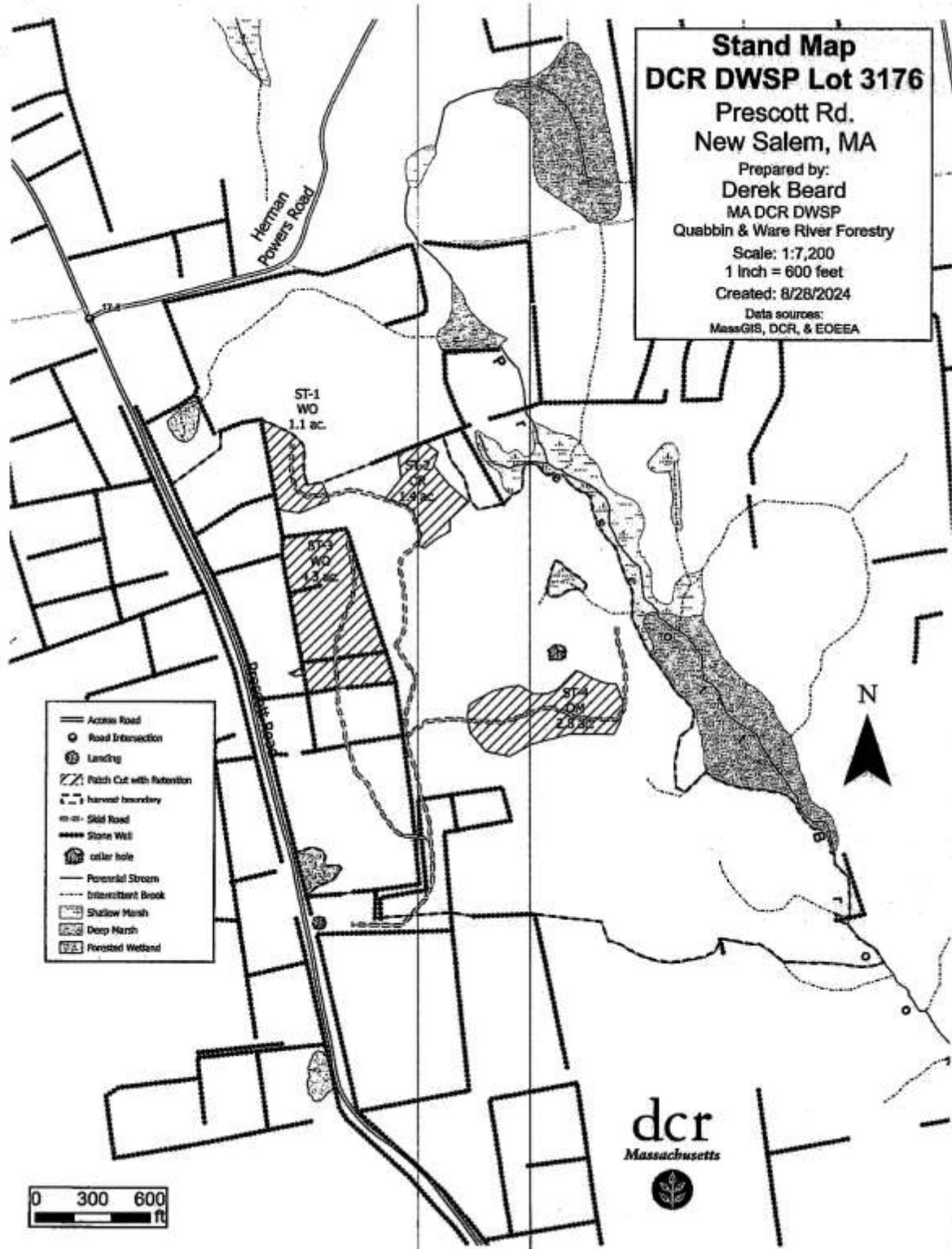
Prescott Rd.  
New Salem, MA

Prepared by:  
**Derek Beard**  
MA DCR DWSP  
Quabbin & Ware River Forestry

Scale: 1:7,200  
1 inch = 600 feet

Created: 8/28/2024

Data sources:  
MassGIS, DCR, & EOEEA



- Access Road
- Road Intersection
- Landing
- Patch Cut with Retention
- harvest boundary
- Skid Road
- Stone Wall
- otter hole
- Perennial Stream
- Intermittent Brook
- Shallow Marsh
- Deep Marsh
- Forested Wetland

0 300 600  
ft



**Locus Map  
DCR DWSP Lot 3176**

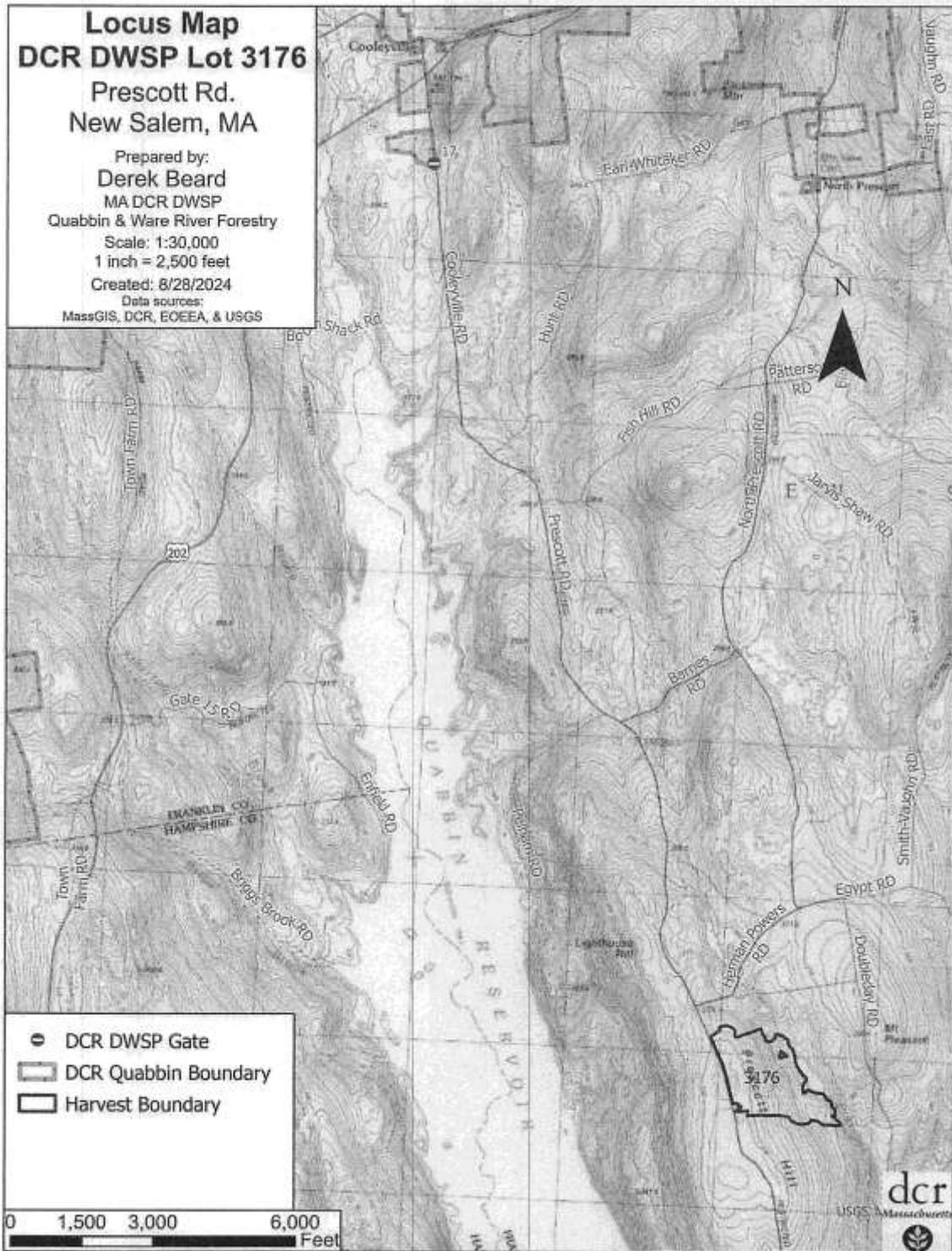
Prescott Rd.  
New Salem, MA

Prepared by:  
**Derek Beard**  
MA DCR DWSP  
Quabbin & Ware River Forestry

Scale: 1:30,000  
1 inch = 2,500 feet

Created: 8/28/2024

Data sources:  
MassGIS, DCR, EOEEA, & USGS



dcr



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

FILE # 204-42944-25

# 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

State 17 / Prescott Rd lot. (3176)

Approval Date 9/20/24

Director's Agent Andrew Rauldiffe

DCR Phone No. (617) 549-1677

ISSUED BY:

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