

# DEPARTMENT OF CONSERVATION & RECREATION

*Division of Water Supply Protection  
Watershed Forestry/Land Management*



Ken Canfield – Quabbin/Ware River Watershed Chief Forester

# Harvest Lot Process

One Tool in the Toolbox

Forestry Lot Proposals Internal/Public

Layout/Marking

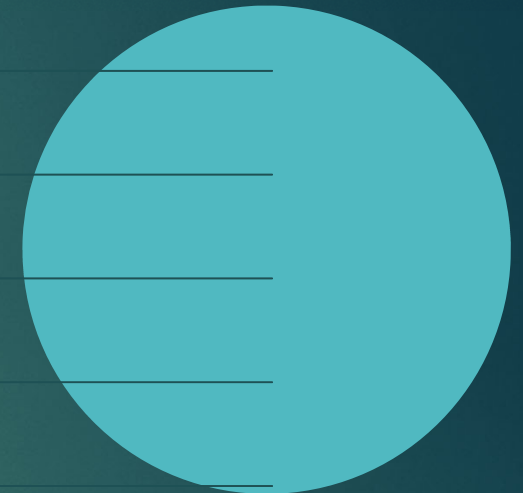
Prepare Cutting Plan

Prepare Bid

Prepare Web Posting, Sign Board, Photo Points

Oversee Active Harvest

Post Harvest and Long Term Monitoring





**General Description**  
 Each forest proposal includes a general description of the proposal and an overview of the proposed management plan. The proposal also includes a map of the proposed area and a list of the proposed management actions. The proposal also includes a list of the proposed management actions and a list of the proposed management actions.



**General Description**  
**Forest Types:**

- Hardwood
- Softwood
- Mixed

**Understory:**

- Deciduous
- Coniferous

**Description of forest composition/condition:**

- The forest is a mixed hardwood/softwood forest with a high percentage of hardwood species. The forest is in good health and is being managed for long-term sustainability.

# Forestry Lot Proposals



# Harvest Layout, Marking, 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)

**For DCR Use**  
File Number: \_\_\_\_\_  
Date Rec'd: \_\_\_\_\_  
Earliest Start: \_\_\_\_\_  
River Basin: \_\_\_\_\_  
Gen. Ch: \_\_\_\_\_

**Location**  
Town: Rufford  
Road: Intervale Rd  
Acres: 8.9 Proposed Start Date: 4/22  
Vol. MBF: 112.1 Vol. Cds: 57 Vol. Tom: 422

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

**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: 25 ft  
Mitigation: DR  
Stabilization: CO

**Filter Strips**  
Indicate location on map: \_\_\_\_\_  
Width (ft, 100, or VA): \_\_\_\_\_

**Codes for Best Management Practices**

Type of Treatment	Type of Control	Stabilization	Mitigation	Type of Bottom	Note
LP: Mass. Site Prep.	CU: Culvert	SB: Sand	FR: Frames	LE: Ledge	Application must provide DCR with all relevant information before plan may be approved and cutting may begin.
TR: Log, Tree, etc.	BR: Bridge	MO: Mulch	DR: Drip	ST: Stake	Some BEMP activities, such as prescribed burning and
TR: Tractor/Burn	FD: Field	CO: Curbstone	OT: Other	MS: Mat	practices or limited applications may require additional permits.
LP: Landowner	PO: Point	SI: Sign	OR: Other	OC: Other	Consent MA Forestry BMP Manual for further information.
OT: Other	OT: Other	HB: Hay Bale	OT: Other	OT: Other	
		OT: Other			

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

### Stand Map Ware River Lot 4408 Intervale Rd Ruffland, MA

Prepared by:  
Kenneth Canfield  
MA DCR User  
Ourselin & Ourselin Forestry

Scale: 1:3,500  
Created: 2/28/22  
Data and Maps:  
MapInfo, GIS, A, EOPFA

**Legend**

- Property boundary
- Intervale Rd
- General Crossings
- Stream Crossings
- Wetland Crossings
- Filter Strips
- Stream/Streambank
- Streambank
- Other

**Scale**  
0 125 250 500 750 1,000 ft

**Notes**  
\*FROM VERMONT DCR VERMONT FORESTER  
AT START OF HARVEST OPERATION



# Web Posting, Sign Boards, and Photo Points



**DCR Watershed Forestry**  
Our primary watershed forest assessment plan is the Watershed Forest Assessment (WFA) which is a high quality mapping tool. A rigorous, science-based mapping process is used to assess the condition of the forest. The WFA is used to help guide forest management decisions and to help meet our goal. Consulting forest inventories are used to help meet our goal. Consulting forest inventories are used to help meet our goal.

Massachusetts DCR - Division of Water Supply Protection  
**Ken Canfield, Watershed Forester** | 857-274-7090 | [keneth.canfield@mass.gov](mailto:keneth.canfield@mass.gov)  
Ware River Watershed

**Timber Harvest of Lot # 4410**  
This plan was prepared in accordance with the requirements of the Watershed Forest Assessment (WFA) and the Watershed Forest Management Plan (WFMP). The harvest area is located within the Watershed Forest Assessment (WFA) and the Watershed Forest Management Plan (WFMP). The harvest area is located within the Watershed Forest Assessment (WFA) and the Watershed Forest Management Plan (WFMP).

COMMONWEALTH OF MASSACHUSETTS  
Department of Conservation and Recreation  
Division of Water Supply Protection

FILE # 235-34011-23

## FOREST CUTTING PLAN CERTIFICATE

W

This plan is a management plan within the area in which the harvesting operation is to take place.

This certificate was issued by the **DCR - DWSP** on **1/15/2024** at **Belchertown, MA** in accordance with the provisions of the **Watershed Forest Assessment (WFA)** and the **Watershed Forest Management Plan (WFMP)**.

Approval Date: **3/14/22**  
Forester's Name: **Andrew Rancic**  
DCR Phone No.: **817-548-1677**

ISSUED BY: *[Signature]*  
Forester's Name: **Ken Canfield**  
DCR Phone No.: **817-548-1677**

## 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  
 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 Type: white pine-oak, white pine-hardwood	ACEC?: No
Soils: 950C - Becken-Sterry association, 954C - Turnbridge-Lyman Berkshire association	
Wetland Resources: The harvest area is adjacent to several wetlands and intermittent streams.	
Vernal Pools present or within 200 feet of harvest: No	

Harvest Information	
Harvest Start Date: After 10/1/22	Harvest End Date: Before 12/15/2024
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:	Ken Canfield
Forester License #:	431
Phone #:	857-274-7090
Email:	<a href="mailto:keneth.canfield@mass.gov">keneth.canfield@mass.gov</a>

<sup>1</sup>ACEC: Area of Critical Environmental Concern



# Harvest Oversight

**HEALTHY FORESTS = CLEAN WATER**  
Use Best Management Practices



MASSACHUSETTS FORESTRY

## Best Management Practices Manual

Paul Catanzaro  
UNIVERSITY OF MASSACHUSETTS AMHERST

Jennifer Fish  
MASSACHUSETTS DEPARTMENT OF CONSERVATION  
AND RECREATION SERVICE FORESTRY PROGRAM

David Kittredge  
UNIVERSITY OF MASSACHUSETTS AMHERST





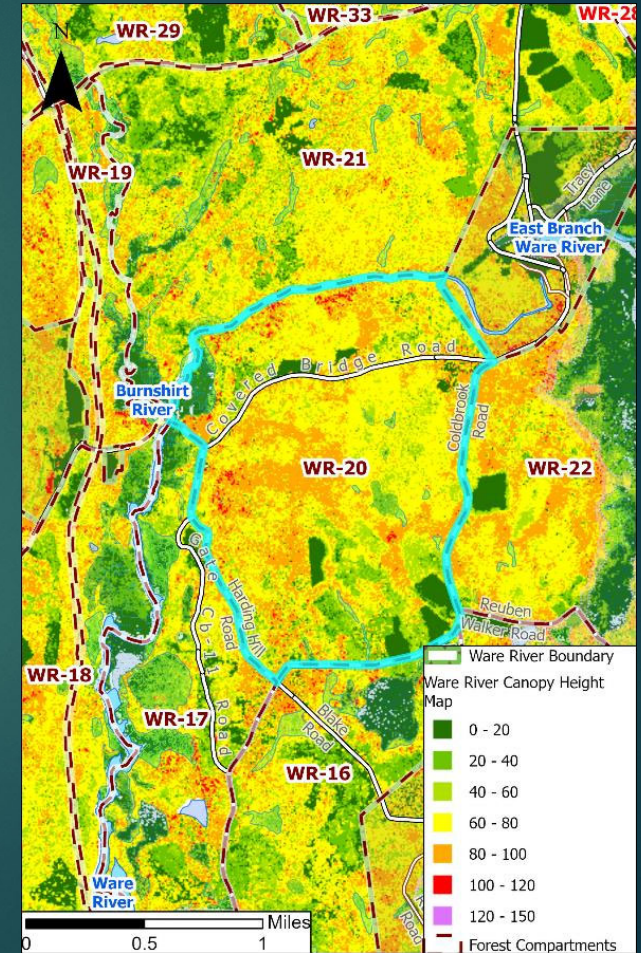
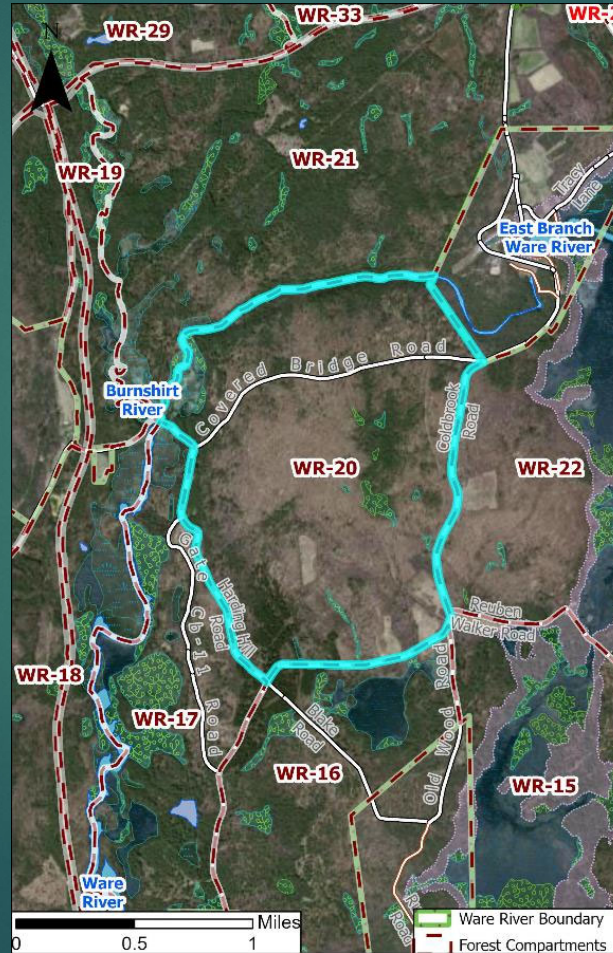
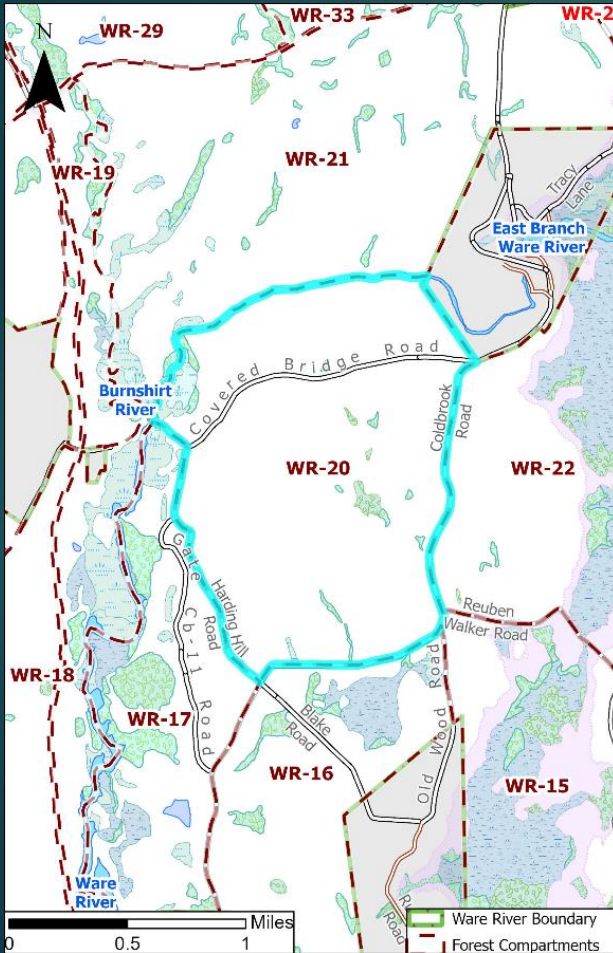
# Post Harvest and Long-term Monitoring

- ▶ Forest inventory (CFI) since 1960
- ▶ Regeneration and invasive species surveys
- ▶ Deer and moose monitoring
- ▶ Water quality sampling
- ▶ Long-term paired watershed studies

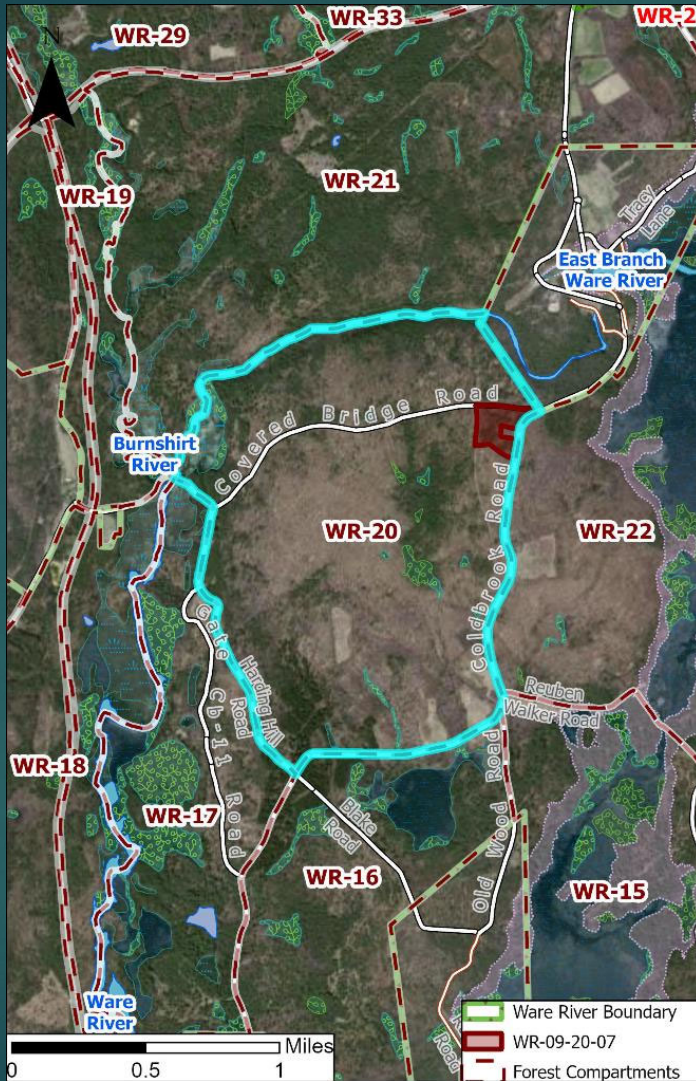




# Lot 4377 - Ware River Watershed



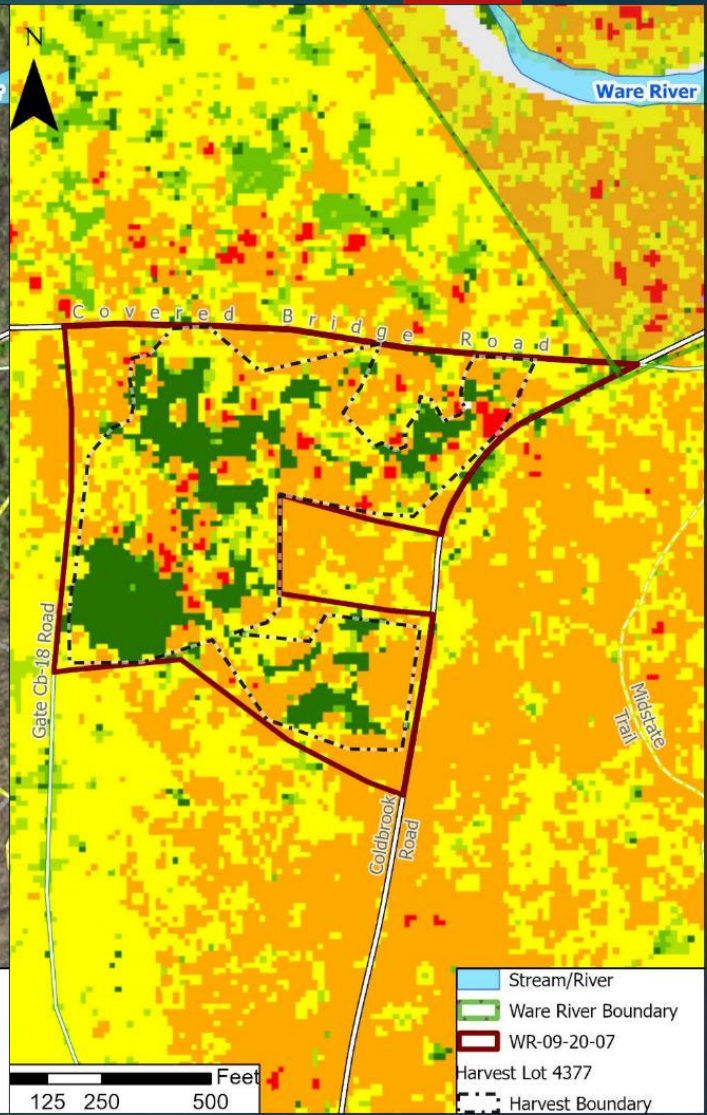




# Proposal WR-09-20-7









## Photo Points

Photo Points – Lot 4377 – Post Harvest  
and after 10 growing seasons.

