

Practice Plan



Submitted to the Massachusetts Department of Conservation and Recreation (DCR) for participation in CSIP



CHECK-OFFS

Check all that apply to the project and enter information:

<input type="checkbox"/> Chapter 61	<input type="checkbox"/> NHESP Priority Habitats
<input type="checkbox"/> Chapter 61A	<input type="checkbox"/> Stewardship
<input type="checkbox"/> Chapter 61B	<input type="checkbox"/> Bird Assessment
<input type="checkbox"/> Conservation Restriction (CR)	<input type="checkbox"/> Climate Smart
CR Holder:	Case Number (No.):

OWNER, PROPERTY, and PREPARER INFORMATION

Property Owner(s) _____
Mailing Address _____ Phone _____
Email Address _____
Case No. _____

Property Location Town(s) _____ Road(s) _____
Plan Preparer _____ MA Forester License No. _____
Mailing Address _____ Phone No. _____

OWNER and PREPARER Disclosure Information:

- 1) I certify the work completed and delivered for this CSIP Practice Plan:
- Complies with all applicable Federal, State, Tribal, and local laws and regulations.
 - Meets the General and Technical Requirements for this CSIP Practice Plan. The planned practices are based on CSIP Practice Standards, where the practices are to be implemented.
 - Is consistent with and meets the conservation goals and objectives for the program.
 - Incorporates CSIP Practices that address the participant's objective(s).

MA Licensed Forester Signature _____ Date _____

- 2) I accept the completed CSIP Practice plan as thorough and satisfying my objectives.

Participant Signature _____ Date _____

- 3) MA Service Forestry Program administrative review completion by:

Signature _____ Title _____ Date _____

Section 1. CSIP Project Narrative: Describe the project for which cost share will be used. Include desired outcomes and how it meets the land steward's goals while increasing climate resilience. Narrative must explain recommended practices and technical terminology, clearly linking them to the land steward's goals and objectives.

1.1 C-SIP practices included in the project. Mark all for which cost-share is requested:

- C-SIP 1 Harvest layout
- C-SIP 2 Legacy tree retention
- C-SIP 4 Invasive Plant Species Control
- C-SIP 5.1 Log-reinforced water bars
- C-SIP 5.2 Seeding (skid trails/roads & landings)
- C-SIP 5.3 BMP Materials
- C-SIP 5.4 Timber mats
- C-SIP 6 Temporary barriers to animal browse

1.2 Land Steward Goals Addressed Through Project

Check "Goal" if applicable. Check "Barrier" if climate change hinders it.

Goal Description	Goal and Barrier
Improve access for walking/skiing/recreation	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Improve hunting or fishing	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Maintain or enhance privacy	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Preserve or improve scenic beauty	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Protect special features, including those of historical, cultural, or personal significance	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Enhance the quality and/or quantity of forest products	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Practice agroforestry	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Produce income from timber products/ other products and services	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Produce firewood for personal use	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Enhance habitat for birds	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Enhance aquatic habitat in streams, ponds, and other wetlands	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Enhance habitat for wildlife	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Promote diversity of plant species and habitat types	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Increase forest resiliency	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Minimize damage from forest pests	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Protect water quality	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Sequester and/or store carbon to mitigate climate change	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Suppress or eradicate invasive plants	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Lower property taxes	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Protect land from development	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier
Other, Describe _____	<input type="checkbox"/> Goal <input type="checkbox"/> Barrier

1.3 Current Condition of Project Area:

1.4 Desired Future Condition of Project Area:

1.5 Climate change impacts or vulnerabilities addressed:

- Forest health concerns, list: _____
- Regeneration challenges
- Trees species not expected to do well in zone based on tree atlas, and which species managing for: _____

- Stronger storms
- Drought
- Extreme rainfall
- Altered seasonality, describe challenge: _____
- Other, describe: _____

Describe how these may impact reaching land steward goals on page 2:

1.6 Adaptation approach:

- Resistance Resilience Transition

Describe why selected:

1.7 Monitoring Plan

Monitoring will use: DCR Provided checklist OR Other (attach protocol)

Monitoring will be conducted by

- Plan Preparer
- Landowner
- Other _____

Attest that the person indicated above has been trained in the monitoring protocol indicated

1.8 Spatial Data for all practices has been provided to DCR via email attachment in the following formats:

- Shapefile (ESRI)
- KML
- GPX
- Other _____

1.9 Additional Project Notes:

Section 2. C-SIP 1 – Harvest Layout and C-SIP 5 – Climate-Smart Best Management Practices for Forest Operations

Stand No.	Forest Type	Silvicultural Prescription	Acres	Basal Area Remove	Basal Area Retain	Timing

2.1 Practice Purpose *(check all applicable)*

- Protect sensitive soils
- Avoid impacts to water resources (wetlands, streams)
- Minimize soil compaction
- Other: _____

2.2 Practice Details

Practice	Area or Number	Timing
<input type="checkbox"/> C-SIP 1 Harvest layout	(A)	
<input type="checkbox"/> C-SIP 5.1 Log-reinforced water bars	(N)	
<input type="checkbox"/> C-SIP 5.2 Seeding (skid trails/ landings)	(A)	
<input type="checkbox"/> C-SIP 5.3 Biodegradable Erosion Control		
<input type="checkbox"/> Staked bales	(N)	
<input type="checkbox"/> Staked wattles	(N)	
<input type="checkbox"/> Biodegradable fiber blanket	(N)	
<input type="checkbox"/> BMP Kit		
<input type="checkbox"/> C-SIP 5.4 Timber mats	(N)	

2.3 Additional Details:

2.4 Monitoring Plan

Activity	Timing
<input type="checkbox"/> Map showing locations of marked skid trails, landings, water/erosion control structures, timber mats, etc. (C-SIP 1 Harvest Layout)	
<input type="checkbox"/> Document location of BMPs and other mapped elements during harvest	
<input type="checkbox"/> Document that the site has stabilized and/or erosion control remains in place and functional after harvest.	
<input type="checkbox"/> All temporary erosion controls removed from regulated resource areas.	

Section 3. C-SIP 2 – Legacy Tree Retention

Stand No.	Forest Type	Silvicultural Prescription	Acres	Basal Area Remove	Basal Area Retain	Timing

3.1 Practice Purpose *(check all applicable)*

- Maintain carbon stores in large trees
- Maintain seed sources for trees well suited to the site
- Provide wildlife habitat in large roost and cavity trees
- Other: _____

3.2 Legacy Trees to be Retained

Trees/Patches per acre: _____

Total trees or Total area of patches: _____

Description of trees to be marked (species, size, other characteristics):

How trees will be marked:

Single legacy trees will be painted with an “L” on two sides and their position mapped or locations spatially captured (GPS, KML, GPX, shapefile, other) and documented in the Forest Management or Stewardship Plan.

Legacy trees serving as anchors for patch reserves will be painted with an “L” on two sides, and their position mapped or locations spatially captured (GPS, KML, GPX, shapefile, other) and added to the amended Forest Management or Stewardship Plan.

The perimeter of a Legacy Tree reserve patch will be painted and mapped, or locations spatially captured (GPS, KML, GPX, shapefile, other) and documented in the Forest Stewardship Climate Plan.

When trees will be marked: _____

3.3 Additional Details:

3.4 Monitoring Plan

Activity	Timing
<input type="checkbox"/> Map showing harvest area and extent of legacy tree marking.	
<input type="checkbox"/> Document trees and patches marked as legacies before harvest.	
<input type="checkbox"/> Document trees and patches marked as legacies after harvest.	
<input type="checkbox"/> Pre-harvest forest resilience monitoring (see Project Monitoring Plan)	
<input type="checkbox"/> Post-harvest forest resilience monitoring (see Project Monitoring Plan)	

Section 4. C-SIP 4 – Invasive Plant Species Control

4.1 Practice Purpose *(check all applicable)*

- Provide growing space for native trees
- Provide growing space for native understory plants
- Remove invasive seed sources to slow invasion into adjoining forest
- Other: _____

4.2 Practice Details

Stand	Acreage	Species present	Treatment Mo./Year	Intensity/Method

- Herbicides used (if known), list: _____
Licensed Pesticide Applicator (if known): _____
- Multiyear treatment required; Number of years funding requested _____

4.3 Re-establishing Native Vegetation *(check methods planned)*

- Harvest for site prep and to increase light availability (see CSIP 1,3,5)
- Planting (see CSIP 7, cost-share not available as of Jan. 2026)
- Seeding (see CSIP 5.2)
- Deer protection (see CSIP 6)
- Other: _____

4.4 Additional Details:

4.5 Monitoring Plan

Activity	Timing
<input type="checkbox"/> Map showing extent and intensity of areas treated.	
<input type="checkbox"/> Re-survey after one growing season to evaluate efficacy of treatment and extent, intensity, and species of any remaining infestation.	
<input type="checkbox"/> Pre-treatment forest resilience monitoring	
<input type="checkbox"/> Post-treatment forest resilience monitoring	

Section 5. C-SIP 6 – Temporary barriers to animal browse

5.1 Practice Purpose *(check all applicable)*

- Protect native seedlings from deer and/or moose browse
- Establish tree species sensitive to deer/moose browse above height of browse
- Enable regeneration of climate adapted tree species appropriate to the site
- Other: _____

5.2 Practice Details

Stand No.	Forest Type	Acres	Timing

Browse Pressure: (Low Medium High)

Seedlings to be protected

- Planted Natural Regeneration

Total Number: _____; Density: _____/ac

Species: _____

Growing conditions: _____

Other characteristics: _____

Utilizing DCR Provided Tubes & Supplies: Yes No; Number Requested _____

(If no, detail supplies to be used here)

Number of tubes: _____; Type: _____ Height: _____

Number of stakes: _____; Type: _____ Height: _____

Number of bird caps: _____; Type: _____

Cages (Number, diameter, materials, description): _____

Vole protection

Mulch

5.3 Additional Details:

5.4 Monitoring Plan

Activity	Timing
<input type="checkbox"/> Map showing extent and density of tree protection.	
<input type="checkbox"/> Re-survey annually to maintain tubes/stakes/caps and remove as described in the Practice Standards documentation.	
<input type="checkbox"/> Pre-treatment forest resilience monitoring	
<input type="checkbox"/> Post-treatment forest resilience monitoring	