

# Appendix C - C-SIP Practice Plan Instructions

## Cover Page: Land Steward and Property Information

**CHECK-OFFS** – check all that apply to the project. If there is a conservation restriction on the property, list the CR holder. List the Case Number for the approved forest management or stewardship plan.

**OWNER, PROPERTY, and PREPARER INFORMATION** – provide details of the property owner and the licensed forester who prepared the plan

**OWNER and PREPARER Disclosure Information** – signatures by licensed forester and property owner (participant) confirm that the project will conform to the project plan and comply with applicable law

## Section 1: CSIP Project Narrative

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

**1.2 Land Steward Goals Addressed Through Project** – Check all land steward goals that the current project will address. These will likely be a subset of the goals described in the management or stewardship plan for the property, but new goals are acceptable. For each of the checked goals, check whether expected climate change could be a barrier to reaching that goal. Provide additional details on climate impacts to goals in Section 1.5 on the next page.

**1.3 Current Condition of the Project Area** – Describe the current condition of the project area, with particular attention to aspects that will be impacted or protected by the project, such as forest structure and species composition, regeneration, water resources, and woodland infrastructure.

**1.4 Desired Future Condition of the Project Area** - Describe the desired condition of the project area after completion of the project, both immediately and farther into the future (5-10 years). This section should describe the same aspects as in Current Condition of the Project Area and show what will have changed and/or stayed the same.

Refer to [Management Plan Directions](#) (p.9-10) and [Managing Forests for Climate Change in Massachusetts](#) for more context on the following two sub-sections.

**1.5 Climate change impacts or vulnerabilities addressed** – mark all climate impacts or vulnerabilities applicable to the project area. List specific forest health concerns (pests and diseases), trees expected to do poorly under future climate conditions, tree species to

manage for, how changes in seasonality could impact the site, and any other relevant details. Also, describe any climate change-related challenges that this project is addressing to meet land steward goals. These should align with the goals checked in section 1.2 on the previous page.

**1.6 Adaptation approach** – Choose which adaptation approach(es) to climate change impacts is/are being applied in this project. In most cases, one approach will be used, but in some larger projects, different approaches may be used for different stands. Provide an explanation for why this adaptation approach (or approaches) was chosen.

**1.7 Monitoring Plan** – monitoring is a required element of all projects to demonstrate that the practices were implemented as planned and that the project improved forest resilience. Indicate whether the project will use the protocol and checklist provided by DCR or a different protocol. If another protocol is to be used, it must be included in the application for review by the Service Forester. Also, indicate who will complete the monitoring and whether that person has been trained in the protocol.

**1.8 Spatial Data** – indicate what format spatial data is being provided to DCR with this practice plan. Include spatial data as an attachment when submitting the practice plan by email.

**1.9 Additional Project Notes** – include any other relevant information about the project that you would like to communicate to the service forester reviewing this application.

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

**Silvicultural description table** – Include information for all stands included in the project. List all stands and their forest types included in the project, the silvicultural prescriptions applied, total acres treated, basal area removed and retained in each treated stand and the month and year work is expected to commence.

**2.1 Practice Purpose** – indicate the reason for implementing the practice. Check all that apply. If ‘Other’, describe the reason.

**2.2 Practice Details** – Indicate which practice(s) are being implemented with cost-share. Provide details for the number of units or acreage for each BMP selected and the approximate timing (month and year) for when they will be installed. For timber mats, indicate when they will be delivered.

**2.3 Additional details** – any other notes on this practice that you think will be important for the reviewing Service Forester to know. Relevant details could include the seeding mix and

application rates of seeding mixes, designs and specifications for BMPs, or where timber mats will be delivered.

**2.4 Monitoring Plan** – Check each applicable item to confirm that you are committing to completing the required monitoring activity. List the approximate timing (month, year) for each activity.

## Section 3: C-SIP 2 – Legacy Tree Retention

**Silvicultural description table** – Include information for all stands included in the project. List all stands and their forest types included in the project, the silvicultural prescriptions applied, total acres treated, basal area removed and retained in each treated stand and the month and year work is expected to commence.

**3.1 Practice Purpose** – indicate the reason for implementing the practice. Check all that apply. If ‘Other’, describe the reason.

**3.2 Legacy Trees to be Retained** – list the number of trees per acre and/or the number of patches to be marked, as well as the total number of trees and/or total area of the patches in acres. Describe the characteristics of the trees and/or patches to be marked. This can include the species, size, canopy position, vigor, or other characteristics of the marked trees. Check the method(s) used in marking trees. Provide the approximate timing (month, year) for when trees will be marked.

**3.3 Additional details** – any other notes on this practice that you think will be important for the reviewing Service Forester to know.

**3.4 Monitoring Plan** – Check each applicable item to confirm that you are committing to completing the required monitoring steps. List the approximate timing (month, year) for each step to be completed.

## Section 4: C-SIP 4 – Invasive Plant Species Control

**4.1 Practice Purpose** – indicate the reason for implementing the practice. Check all that apply. If ‘Other’, describe the reason.

**4.2 Practice Details** – For each area to be treated for invasive plants, list the stand, acres treated, the invasive species present, the time of the treatment (month and year), and the intensity of the infestation and method of treatment. Refer to the C-SIP handbook for descriptions of intensity classes and approved treatment methods. If treatment over multiple years is anticipated, use a separate line for each distinct treatment period. If herbicides will be used, list which herbicide will be used and the licensed applicator who will conduct the treatment, if known.

**4.3 Re-establishing Native Vegetation** – treatment of invasive plants is most likely to be effective if native plants establish in the area following treatment. Indicate what methods will be used to re-establish native vegetation. If ‘Other’ is chosen, describe the method to be used.

**4.4 Additional details** – any other notes on this practice that you think will be important for the reviewing Service Forester to know. This could include any adaptive management considerations if multiple years of treatment are anticipated.

**4.5 Monitoring Plan** – Check each item to confirm that you are committing to completing the required monitoring steps. List the approximate timing (month, year) for each step to be completed.

## **Section 5: C-SIP 6 – Temporary barriers to animal browse**

**5.1 Practice Purpose** – indicate the reason for implementing the practice. Check all that apply. If ‘Other’, describe the reason.

**5.2 Practice Details** – List stand(s) where trees will be protected, their forest type(s), total acreage where the practice will be implemented and when (month, year) work is anticipated to be done. Indicate the level of deer browse pressure at the site. See [Forest Stewardship Plan: Habitat & Resilience Assessment Procedures](#) for more information on assessing browse levels. Indicate whether the seedlings protected will be planted and/or existing natural regeneration, the total number and density of seedlings to be protected, and how seedlings will be chosen, including species, growing conditions, and other pertinent characteristics. Indicate whether the project will use tree tubes and supplies provided by DCR. If not, describe the materials to be used, including the number, type, and height of tubes and stakes, and the number of bird caps to be used. If building your own cages out of wire fencing, describe their construction and how many you will deploy. Also, indicate whether vole protection or mulch will be used.

**5.3 Additional details** – any other notes on this practice that you think will be important for the reviewing Service Forester to know.

**5.4 Monitoring Plan** – Check each item to confirm that you are committing to completing the required monitoring steps. List the approximate timing (month, year) for each step to be completed.