



Missouri Master Logger Certification Forest Harvest Management Plan

Date:: _____	Timbersale Name: _____
Plan Developer:: _____	Acreage: _____
Ownership:: _____	Legal Description: _____

Silvicultural Objectives ~ Description of Clearcut Harvest Area

<i>Pre-Harvest Stand Description</i>
<i>Desired Natural Regeneration Map-cover in 5 Years by Stand #</i>
<i>Natural Regeneration Silvicultural Objectives</i>
<i>Desired Artificial Regeneration Map-cover in 5 Years by Stand#</i>
<i>Artificial Regeneration Silvicultural Objective</i>
<i>Harvest Specifications</i>
<i>Leave Trees</i>

Silvicultural Objectives ~ Description Select Cut Harvest Area

<i>Pre-Harvest Stand Description</i>
<i>Stands Thinned for Regeneration</i>
<i>Stands Not Thinned for Regeneration</i>
<i>Desired Post-Harvest Map-cover in 5 Years by Stand#</i>
<i>Silvicultural Objective</i>
<i>Harvest Specifications</i>
<i>Leave Trees</i>

Silvicultural Objectives ~ Description Shelterwood Harvest Area

<i>Pre-Harvest Stand Description</i>
<i>Desired Map-cover in 5 Years by Stand#</i>
<i>Silvicultural Objective</i>
<i>Harvest Specifications</i>
<i>Leave Trees</i>

Road Plan

Road existing, no work needed

Road existing, improvement needed

Stream Crossing

- Stream crossing needs replacement or improvement

Drainage

- Ditching
- Crowning
- Culverts
- Geotextile
- Filter Fabric

Road, New

Drainage

- Ditching
- Crowning
- Culverts
- Geotextile
- Filter Fabric

Stream Crossing

- Permit
- Culvert
- Ford
- Bridge
- Temporary
- Diversions

Wetland Crossing

- Permit
- Silvicultural Exemption
- Proper Fill/Filter Materials
- Drainage
- Frozen Conditions

Road Closeout

- Water Bars
- Grading
- Seeding
- Access Barriers

Wildlife/Biodiversity/Special Area Considerations

- | | |
|---|--|
| <input type="checkbox"/> Protect/retain snag and cavity trees | <input type="checkbox"/> Protect springs and/or seeps |
| <input type="checkbox"/> Protect/retain downed woody material (coarse woody debris) | <input type="checkbox"/> Buffer vernal ponds |
| <input type="checkbox"/> Maintain mast producing tree species | <input type="checkbox"/> Buffer karst sink holes |
| <input type="checkbox"/> Retain hardwood inclusions for softwood stands | <input type="checkbox"/> Maintain/enhance vertical structure |
| <input type="checkbox"/> Retain softwood inclusions for hardwood stands | <input type="checkbox"/> Create canopy gaps |
| <input type="checkbox"/> Protect/retain understory conifers in hardwood stands | <input type="checkbox"/> Enhance crown roughness |
| <input type="checkbox"/> Maintain large tree/old growth patches | <input type="checkbox"/> Maintain tree species diversity |
| <input type="checkbox"/> Protect active raptor nest trees | <input type="checkbox"/> Patch retention in clearcuts |
| <input type="checkbox"/> Protect rare plant colonies/populations | <input type="checkbox"/> Stream buffer considerations |

Other wildlife/biodiversity considerations:

Do special areas exist on or adjacent to harvest areas? ***Yes*** ***No***
If yes, describe special areas and how it is managed:

Wildlife/biodiversity/special area harvest specifications:

Stream/Lake and Non-Forested Wetland Considerations

- No stream-lake features required buffer
- All stream-lake features within the harvest area that require a buffer are buffered 100' or more
- Buffer strips on all stream/lake features within harvest area that are less than 100' meet the following conditions
1-10% slope ~ 50 feet 11-20% slope ~ 51-70 feet 21-40% slope ~ 71-100 feet

Buffer strip has adequate vegetation (shrubs, grasses, trees) to provide sufficient soil stabilization and water filtration of run-off from adjacent harvest site.

Soil disturbance with buffer strip during harvesting will be minimized and will not contribute to increased risk of sedimentation of adjacent streams and/or lakes.

Adequate shading of adjacent streams and/or lakes will be maintained.

Other stream/lake considerations:

Any significant non-forested wetlands: ***Yes*** ***No***
If yes, please describe:

Harvest specifications for protecting streams/lakes/non-forested wetlands:

Visual Management Harvest Specifications

- Sensitivity Level 1* All slash within 50' of road will be removed/minimized by lopping within 3' of ground as job progresses.
- Sensitivity Level 2* All slash within 25' of road will be removed/minimized by lopping within 3' of ground.
- Sensitivity Level 3* Minimize visual impacts of slash adjacent to road.

For all harvest jobs: The area will be free of trash and litter, there will be no slash in cleared road right-of-way, no trees felled across ownership boundaries, all limbs and tops will be removed from streams, and appropriate steps will be taken to minimize rutting.

Other Visual Management Harvest Specifications:

Landscape Considerations:

Does a landscape plan exist for this harvest area? Yes No
If yes, landscape plan title: _____

Is this harvest plan consistent with the landscape plan? Yes No
If harvest plan is not consistent, describe why not:

Describe special landscape practices:

Site Operability Considerations

Are there soils that are susceptible to erosion and/or rutting within the harvest area? Yes No
If yes, specify logging considerations to reduce risk of erosion and rutting in the Harvest Specifications below.

Are there steep slopes within the harvest area that will need to be water barred and/or brushed during the course of logging? Yes No
If yes, specify logging considerations in the Harvest Specifications below.

Are there specific forest health issues (i.e. forest fire hazards, insect infestations, disease, etc.) that need to be accounted for during harvest, road building, or artificial regeneration activities? Yes No
If yes, please describe:

Harvest Specifications for Site Operability:

Forester or Landowner

Logger

Date: _____

Date: _____