

CONTRACTOR PRESCRIPTION

Arenac County, T20N R3E Section 26, 27, 34, 35
Compartment 124, Stands 11, 13, 20, 22, 30, 40, 41, 43, 45, 142
Compartment 127, Stand 23
Sale Name: JPT Complex
Sale Number: 005-03-01
248 Prescribed Acres –Final Harvest, Shelterwood, & Removal

DESCRIPTION OF TIMBER: This sale consists of a variety of timber types, treatment regimes, and terrain. Primary species include jack pine, white pine, and mixed oak sawlogs and poles. Scattered aspen and red maple sawlogs and poles are also present in most stands. Most species are poor to fair quality except for the red pine plantation. The terrain in the compartment is basically flat to slightly rolling with some lower swales and drainages.

TREATMENT OBJECTIVES: Compartment 124 Stands 11, 13, 20, 22, and 45 and Compartment 127 Stand 23 are scheduled to be treated with a final harvest to a two inch specification and will be artificially regenerated to jack pine. Stands 40 and 41 are scheduled to be treated with a delayed removal to remove the hardwood over-story and will be managed for white pine. Stands 30 and 142 are scheduled for a final harvest to a four inch specification to regenerate oak except for white pine which will be left for visual and species diversity. Stand 43 is scheduled for a final harvest to a two inch specification and will be planted to red pine.

BOUNDARIES AND AREA: The stand boundaries and approximate unit/treatment boundaries are shown on the attached timber sale map. The private (blue) paint lines will be painted in by DNR staff by December 31, 2002. It will be the contractors' responsibility to paint in the rest of the sale boundaries using red paint and unit/treatment boundaries using yellow paint and then determine the acreage of each treatment unit using GPS or hip chain. Best Management Practices must be observed when establishing the treatment boundaries along Bear Creek (Stands 23 and 43). See Gladwin FMU Contact for particulars regarding buffer width, etc.

CONTRACTORS TASKS FOR STANDS 11, 13, 20, 22, 45 (131 Acres Total):

1. Cruise all merchantable trees using the point sampling method according to DNR-FMD cruising standards. Put in 1 sample point per acre.
2. Wildlife considerations are important. As they are encountered in fieldwork, mark some trees to leave that will make good habitat for wildlife, i.e. den trees, snags, etc. Use green tree marking paint. Each leave tree shall be marked on opposite sides with a paint mark that covers at least $\frac{1}{4}$ of the trees circumference. Stump mark these leave trees also.
3. A 100 foot wide leave strip must be left on the north edge of Stand 22.

CONTRACTORS TASKS FOR STANDS 40 AND 41 (32 Acres Total):

1. Cruise all merchantable trees using the point sampling method according to DNR-FMD cruising standards. Put in 1 sample point per acre.
2. Wildlife considerations are important. As they are encountered in fieldwork, mark some trees to leave that will make good habitat for wildlife, i.e. den trees, snags, etc. Use green tree marking paint. Each leave tree shall be marked on opposite sides with a paint mark that covers at least $\frac{1}{4}$ of the trees circumference. Stump mark these leave trees also. Determine basal area of residual merchantable trees for each plot.

CONTRACTORS' TASKS FOR STANDS 30 AND 142 (11 Acres Total):

1. Cruise all merchantable trees using the point sampling method according to DNR-FMD cruising standards. Put in 1 sample point per acre.
2. Wildlife considerations are important. As they are encountered in fieldwork, mark some trees to leave that will make good habitat for wildlife, i.e. den trees, snags, etc. Use green tree marking paint. Each leave tree shall be marked on opposite sides with a paint mark that covers at least $\frac{1}{4}$ of the trees circumference. Stump mark these leave trees also.

CONTRACTORS TASKS FOR STAND 143 (74 Acres):

1. Cruise all merchantable trees using the point sampling method according to DNR-FMD cruising standards. Put in 1 sample point per acre.

2. Wildlife considerations are important. As they are encountered in fieldwork, mark some trees to leave that will make good habitat for wildlife, i.e. den trees, snags, etc. Use green tree marking paint. Each leave tree shall be marked on opposite sides with a paint mark that covers at least $\frac{1}{4}$ of the trees circumference. Stump mark these leave trees also.
3. The fingers of white pine in Stand 121 (within Stand 43) will need to be squared off when the boundary lines are placed for Stand 43. This will facilitate planting operations when Stand 43 is artificially regenerated.

ADDITIONAL CONTRACTOR'S TASKS:

1. Prepare cruise data on approved forms suitable for entry into the Timber Sale PC program.
2. Submit area determination in the appropriate form – either a GPS file OR traverse computations and map.
3. Prepare a record of paint used for each stand.
4. Submit timber sale map and a map showing the locations of cruise plots for the pulpwood cruise.
5. Above items and all other required data must be submitted in final form by April 15, 2003.

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