Randall Tract Management Implementation Report Fall 2002

Purpose
The management implementation report serves several purposes. The report provides continuity between revolving members of a particular FERM team, the data and details necessary to proceed with the initiated management prescription (especially the preparation of a bid prospectus for timber sales), material necessary for reporting to advisory boards, and it serves as historical documentation of management practices applied.

Location and Size
- East ½ section of Section 4 T48N R29W
- We are focusing on Unit 3 of the Randall Tract management plan. This unit consists of red and sugar maple stand types.
- The harvest area is approximately 63 acres.
- Figure 1 shows the boundaries of the sale area.

Summary of Prescription Implemented
- The Randall tract management plan calls for a select harvest to 75 ft² residual basal area in Unit 3.

Description of Preparation
- Trees for removal are marked on two sides and the stump with orange paint.
- The property lines are marked with blue dots on trees.
- Stand boundaries and buffer areas are marked with red dots.

Assessment of Access and Roads
- Recommended access is from the west side of the tract though private land.
- Private raoad runs south from the seasonal Clear Lake Road.
- Bruce and Marijane Laasko own the road that is proposed for access. Contact must be made with them to gain an easement to use the road.
- A possible alternate way to enter the property from the north border is described on page 2-2 of the Randall tract management plan.
- Sections of current roads are wet and rutted. They will require fill.
- Recommended culverts and water bars to limit erosion from the Randal Tract Assessment are as followed and are found on figure 2.
  1. 4 water bars that drain to W.
  2. 2 water bars that drain to SW.
  3. 1 water bar that drains to SE
  4. 18” culvert, 24’ long bank stabilization
  5. 3 water bars that drain to NW
- Installation should follow Michigan BMP manual
- A permit will be required for culvert installation over stream
**Recommended Logging Plan**

- The sale is recommended for a winter harvest.
- Equipment is not to be allowed through buffer areas.
- Harvest may occur when ground has been frozen to support machines.
- Few areas limited for machines by steep slopes and rock outcrops, cliff area is noted on figure 2.

**Tally Summary**

- Cumulative Volume Talley Sheets used for recording removal volumes.
- 100% Talley done on all trees marked for removal.
- 1 in 4 marked sugar maple sawlogs graded with guidelines for northern hardwood tree grading.
- Product specifications: Trees equal or greater than 6 in dbh and less than 12 in are categorized as pulpwood and are measured in 8 ft sticks to a 4 in top or to where the tree can no longer be used. Trees that were at least 12 in. in diameter were tallied as sawlogs by sixteen foot logs to a 10 in top. All trees over 18 in are harvested unless left as wildlife trees.
Sale Areas For Randal Tract
East 1/2 S4 T 48 N R 29 W

Figure 1

Ferm harvest12_4.shp
Stream
Intermittent Stream
Road
Figure 2

Numbers represent BMP trouble spots on the haul roads. See the Roads section of the Hydrology chapter for complete descriptions.

Legend

- Marked 1/4 corner
- Marked 1/16 corner
- Marked section center
- Randall Tract boundary
- Haul road
- Lake edges
- Root trail
- Water flow
- Wetland

Soil map units:

- Wacker-Cahn complex
- Carbonate and travertine
- Fossilized and Apatite ponded

Created by: Thomas Wyse, Joe Wyderko. 14 November 2001. Adapted from MDNR Spatial Data Library and SURGO