

# GILLIGAN LAKE STEWARDSHIP PROJECT

Huron-Manistee National Forests  
 Baldwin Ranger District  
 Colfax Twp T16N R15W Sec. 19, 30  
 Crystal Twp T16N R16W Sec. 24 and 25  
 Map 2 of 3 RBrumer 10/5/2020



## Mandatory Service Projects:

### Service Project 1, 2, 3, 4, 5, 6, 7, 8, and 9: Treatment of Conifer Stumps in All Payment Units – Approximately 351 Total Acres - Mandatory

In ALL PAYMENT UNITS and SERVICE ITEM UNITS OF THIS SALE from March 1st to December 31st, Purchaser shall treat the stumps of all live conifer trees cut by Purchaser's operations. Conifer trees cut in January or February do NOT require stump treatment therefore acres harvested during this time period will not earn stewardship credits under **BT4.5 Stewardship Credits**. Partially treated units will earn credits based on field estimation of a creage treated by whole number.

Unless otherwise agreed to in writing, in Cutting Units 1, 2, 3, 4, 5, 6, 7, 8, and 9. This applies in Payment Unit 9 if cut conifer stumps are not pulled within 24 hours of felling, Purchaser shall treat the stumps of all live conifer trees cut by Purchaser between March 1 to December 31, inclusive annually that have a stump diameter larger than 1 inches. Treatment should be done as soon after tree felling as practical, preferably within 1 or 2 hours, but no later than 24 hours. Treatment shall consist of removing sawdust and other loose debris from the cut surface of the stump including exposed wood surfaces on all sides, and apply powder or liquid products registered to prevent Heterobasidion annosum according to the manufacturers directions and the following instructions:

**POWDER APPLICATION** - Apply enough powder to lightly cover stumps surface including exposed wood surfaces on all sides (approximately 1 pound per 50 square feet of exposed wood surface). Stumps should be level and have no splinters for most effective use. Best method of application is to sprinkle the material salt shaker style on the freshly cut stumps surface. Care should be used during application to minimize off-site applications of material. A powder dye shall be added as an aid to insure complete coverage.

**LIQUID APPLICATION** - Apply the solution, mixed according to the manufacturers directions, by brush, or spray, to the stump until the surface is thoroughly wet (uses rates specified by applicable label instructions). Apply the solution to all exposed wood surfaces. A liquid dye shall be added to the solution as an aid to insure complete coverage.

Purchaser shall only use material registered by the Environmental Protection Agency (EPA) for Heterobasidion annosus root disease control and follow all applicable label instructions. Purchaser shall follow all applicable OSHA requirements for use of pesticides and dyes.

### Service Project 10: Site Preparation in Payment Unit 4 – Approximately 24 Acres - Mandatory

To promote coppice regeneration cut all undesirable and damaged stems < 5" DBH. Stems are to be completed severed near the ground level. Undesirable species includes red maple, beech, cherry, and ironwood.

### Service Project 11: Site Preparation in Payment Unit 7 – Approximately 54 Acres - Mandatory

To promote coppice regeneration cut all undesirable and damaged stems < 5" DBH. Stems are to be completed severed near the ground level. Undesirable species includes red maple, beech, cherry, and ironwood.

### Service Project 12: Site Preparation in Payment Unit 8 – Approximately 10 Acres - Mandatory

To promote coppice regeneration cut all undesirable and damaged stems < 5" DBH. Stems are to be completed severed near the ground level. Undesirable species includes red maple, beech, cherry, and ironwood.

### Service Project 13: Road closures in 10 locations, as shown on Attachment 1 with letters A through J - Mandatory

- A) Roads are designated on the ground by a wooden stake with the letter of the closure, and by the road closure letter painted on a nearby tree with orange paint.
- B) The Contractor will propose how closures will be completed on a given road using earthen berms or stumps and slash generated from the timber sale or construction operations.

