|  |  |  |
| --- | --- | --- |
| dnrlogoWhiteBack | Michigan Department of Natural ResourcesForest Management Division**Forest Treatment Proposal** |  |
|  |  |  |  |  |  |  | Check if applicable: | [ ] Burning | **X** Planting | [ ] Seeding |
| Location (State Forest, Game Area, etc.)Atlanta Forest Management Unit | Proposal No.C54-1109 |
| CountyAlpena | Township31N | Range07E | Section25, 26, 27, 35, 36 | SubdivisionMany | 1/4 Twp      | Comp. No.104 & 105 | Stand No.See Below |
| Additional Stand Numbers (if applicable)Comp 105 Stands 44 and 98; Comp 104 Stands 4, 19, 20, 28, 34, 65, 84      |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  **See Attached for Maps**

|  |  |
| --- | --- |
| **Stand** | **Acres** |
| 4 | 8.9 |
| 20 | 7.5 |
| 19 | 26.7 |
| 28 | 5.3 |
| 34 | 4.1 |
| 44 | 6.7 |
| 65 | 5.7 |
| 84 | 14.9 |
| 98 | 52.2 |

 |
| (Scale 1 inch =       chains) Indicate forest cover type, roads, trails, water features and boundary of area to be treated: x-x-x, After completion, cross hatch area treated.  |
|  |
| Materials Needed (chemicals, planting stock, etc.) |
| Item | Units | # Per Acre | Total Units | Cost |
|                      |                      |                      |                      |                      |
|  |
| Other Special Needs |
|                      |                      |                      |                      |                      |
|  |
|  | $/acre | Total |
| ESTIMATED COSTS: |       |       |

Comments (attach additional pages if necessary):

Timber Sale No. 54-050-16-01 Closed On: 6/18/2018

Stands 98 and 44 of Compartment 105 had to have the high ground mapped for planting due to a high water table in those stands.

|  |
| --- |
| Treatment Proposed: Trench and Plant to Red Pine |
| Cover Type Objective:R3 | Wildlife SPP Objective:N/A | Acres to Treat:132 Acres |
| Recommended Methods: Per TMS |
| Job Specifications: Trench and plant to red pine using methods approved at Compartment Review. |
|  |
| Present Conditions |
| Cover Type:R0 | Soil Type:Variable | Site Index - SPP:Variable | Yr of Stand Origin:2016/2011 |
| Ground Cover SPP:Variable | Topography:**X** Level [ ]  Rolling [ ]  Steep |
|  | Light | Med. | Heavy | Basal Area Summary |
| Stumps |       | X |       |  | B.A. | SPP. |
| Slash |       | X     |       | Saps | 0 |       |
| Rocks | X      |       |       | Poles | 0 |       |
| Brush | X     |       |       | Saw | 0 |       |
|  |  |  |  | TOTAL | 0 |       |
| Burn Prescription (for burning only) |
| Air Temp      | Wind Speed -Direction      | 10-Hr Stick Moisture %      | Fuel Load (tons/A)      | Relative Humidity:      |
| Season to Burn (months)      | Likely to Achieve Objectives? [ ]  Yes [ ]  No | Date of Prescription      |
| By: | Title Date |
| Plantation Pest Risk Rating (for planting only) |
| Indicate Ground Cover Types on Map: |
| Gb = Blueberry | Gs = Sweetfern | Gw - Other Weeds |
| Grb = Bracken | Gr - Grasses | ⊗ = Sand Blows |
| Nearest Pine Plantation (Northern LP Only): |
|  **X** < 1/8 mi [ ]  1/8 - ¼ [ ]  ¼ - ½ [ ]  ½ - 1 [ ]  > 1 mi |
| Pine Species in Nearest Plantation | Red Pine |  |
| Pine Root Collar Weevil Present? [ ]  Yes **X** No |
| Prepared by:D. Parris | Title:Forester Date | Date:6/18/2018  |
|  |
| Approvals |
| Area Forester Date | Forest Mgt. Supervisor Date |
| Habitat Biologist Date | District Biologist Date |
| Fisheries Biologist Date | Fisheries Supervisor Date |

**C54-1109 Maps**



**C54-1109 Maps Cont.**



**C54-1109 Maps Cont.**

