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|  | Michigan Department of Natural ResourcesForest Management Division**Forest Treatment Proposal** |  |
|  |  |  |  |  |  |  | Check if applicable: | [ ] Burning | [x] Planting | [ ] Seeding |
| Location (State Forest, Game Area, etc.)Atlanta Management Unit | Proposal No.C54-1152 |
| CountyMontmorency | Township29N | Range02E | Section15,22,24 | Subdivisionsee map | 1/4 Twpsee map | Comp. No.12 | Stand No.7, 79 |
| Additional Stand Numbers (if applicable)81, 84, 84, & 206 |

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| SEE ATTACHED MAPS |  |  |  |
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|  |  |  |  |
| (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): Sale 54-014-18-01 Bear Dog Oak (cut 3/30/2020); tops were chipped in all units; expect high deciduous competition; stumps are low; Units 1 & 3 were failed oak seed-tree harvests; Unit 1 may need chopping, plant falt areas per RX; no interior area retention; unit 1 is flat and units 2 & 3 are hilly but operable; GAS WELLS & LINES exist

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| Treatment Proposed: Plant Red Pine |
| Cover Type Objective:R3 | Wildlife SPP Objective:N/A | Acres to Treat:128.3 |
| Recommended Methods: Rollerchop (might not need)/Spray/Trench/Plant |
| Job Specifications: Plant Per TMS |
|  |
| Present Conditions |
| Cover Type:UO | Soil Type:Sandy | Site Index - SPP:48 | Yr of Stand Origin:2020 |
| Ground Cover SPP:blueberry | Topography:[x]  Level [ ]  Rolling [ ]  Steep |
|  | Light | Med. | Heavy | Basal Area Summary |
| Stumps | X | x |       |  | B.A. | SPP. |
| Slash |       | X |       | Saps | 0 |       |
| Rocks | X | 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:Darrick Coy | Title:Forester Date | Date:4/1/20  |
|  |
| Approvals |
| Area Forester Date | Forest Mgt. Supervisor Date |
| Habitat Biologist Date | District Biologist Date |
| Fisheries Biologist Date | Fisheries Supervisor Date |