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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Michigan Department of Natural Resources  Forest Management Division  **Forest Treatment Proposal** | | | | | | | | | | | | | | | | |  |
|  |  |  | |  |  | |  | |  | | Check if applicable: | | Burning | | | Planting | | Seeding |
| Location (State Forest, Game Area, etc.)  Atlanta Management Unit | | | | | | | | | | | | | | Proposal No.  C54-1152 | | | | |
| County  Montmorency | | | Township  29N | | | Range  02E | | Section  15,22,24 | | Subdivision  see map | | 1/4 Twp  see map | | | Comp. No.  12 | | Stand No.  7, 79 | |
| Additional Stand Numbers (if applicable)  81, 84, 84, & 206 | | | | | | | | | | | | | | | | | | |

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| SEE ATTACHED MAPS | | | | | | |  |  |  |
|  | | | | | | |  |  |  |
|  | | | | | | |  |  |  |
|  | | | | | | |  |  |  |
| (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:  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): | | | | | | | | | | | | | | | | | | | | | |
| < 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  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 | | | | | | | | | | | |