|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| dnrlogoWhiteBack | Michigan Department of Natural Resources  Forest 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 | | | | |
| County  Alpena | | | Township  31N | | | Range  07E | | Section  25, 26, 27, 35, 36 | | Subdivision  Many | | 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: | | |  | | | |  | | |

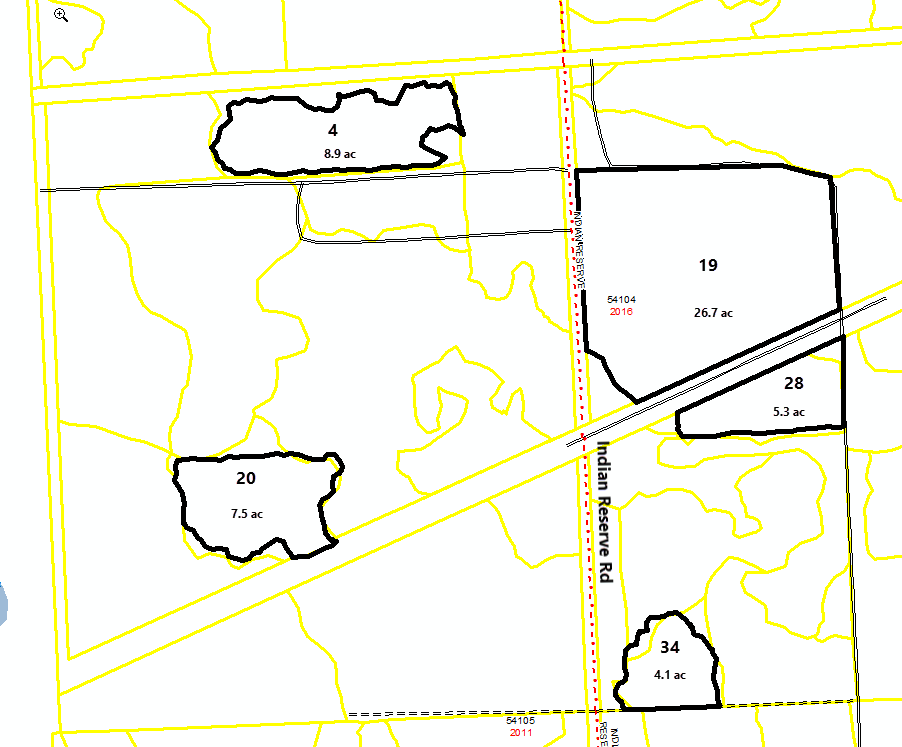
Comments (attach additional pages if necessary):

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

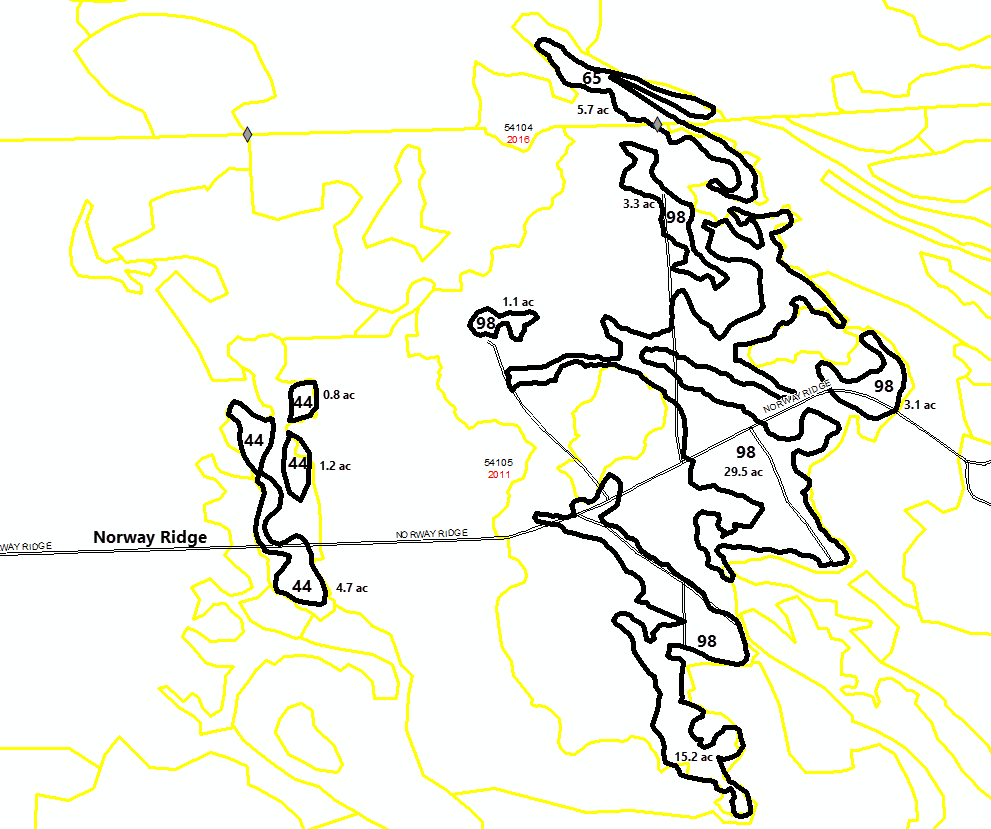
Stands 98 and 44 of Compartment 105 had to have the high ground mapped for planting due to a high water table in those stands.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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.**

