

Beltrami County NRM Timber Appraisal

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| Appraised By: Corey Campbell | Sale Type: SEALED BID-REGULAR | Appraisal Number: South Mississippi Aspen |
| Appraisal Date: 01/23/2024 | Auction Date: 04/02/2024 | Permit Number: |
| | Access: Public Access | Expiration Date: 05/01/2027 |

Site Map:



Appraisal examined and approved by

[Signature]
Forester

2/26/24

Date

Appraisal examined and approved by

Richard A. Moore
Land Department

2/26/2024

Date

STAND HARVEST PRESCRIPTIONS

| | | | | | | | |
|--------------------------------|---|--------------|--------------------|---------------|------------------|------------------|-----------------------|
| Timber Sale Name: | South Mississippi Aspen | | | | | | |
| Description: | | | | | | | |
| RE Code | Sec. | Twp. | Rge. | School | City/Twp | Subd | |
| 200034000 | 34 | 146 | 35 | 31 | Jones | NW 1/4 of NW 1/4 | |
| Block: | 1 | | | | | | |
| Stand Details | | | | | | | |
| Section | Township | Range | Timber Type | Acres | Stand Age | NPC | Harv Meth Desc |
| 34 | 146 | 35 | 14 | 23 | 62 | WFn55 | Clear Cut w/Reserves |
| *NPC | WFn55 - Northern Wet Ash Swamp | | | | | | |
| No Basal Data | | | | | | | |
| Current Site Conditions | Current CTYPE is balsam poplar, with SI 68, and overall BA of 100 sq.ft./ac. This stand is older than rotation age and has been blowing down in swaths from west to east over the last 10-15 years. | | | | | | |
| Timber Objectives | Stand is a 67 year-old balsam poplar and aspen. Silvicultural objective is a clearcut with reserves to harvest decadent aspen and balsam poplar and regenerate the site through root suckering. Stand has a significant amount of damage from wind, probably should have been managed long ago. Cutting this sale in winter with modern equipment and full tree skidding will hopefully improve the aspen regeneration potential. | | | | | | |
| Regeneration | Aspen root suckering will regenerate the stand. | | | | | | |
| Wetlands | Sale occurs in the floodplain, lowland area near the Mississippi River. Harvest will occur under frozen conditions to minimize scarification. Sale boundary is located outside of any RMZ's and seasonal wetlands. | | | | | | |
| Soil Types | Hiwood loamy sand Cormant loamy sand Rifle mucky peat | | | | | | |
| Environmental Impact | Harvest will occur under frozen conditions to minimize impact. | | | | | | |
| Wildlife | Snowshoe hare - Logger is encouraged to leave 10'x10'x6' slash piles for birds and small mammals. | | | | | | |
| Visual Sensitivity | There are no visual concerns for this harvest area. | | | | | | |
| Natural Heritage | Database was checked and no resources found. | | | | | | |
| Cultural Resources | Database was checked and no resources found. | | | | | | |
| Block: | 2 | | | | | | |
| Stand Details | | | | | | | |
| Section | Township | Range | Timber Type | Acres | Stand Age | NPC | Harv Meth Desc |
| | | | | 61 | 36 | WFn55 | First Thin |
| *NPC | WFn55 - Northern Wet Ash Swamp | | | | | | |
| No Basal Data | | | | | | | |
| Current Site Conditions | Current CTYPE is white spruce, with SI 63, and overall BA of 120 sq.ft./ac. Small white spruce plantation with a component of aspen and balsam fir. | | | | | | |
| Timber Objectives | Stand is a 39 year-old white spruce. Silvicultural objective is a first-entry thin removing approximately 1/3 of the total volume. Spruce was planted in rows, thin every third row or equivalent pattern. | | | | | | |

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STAND HARVEST PRESCRIPTIONS

Harvest Methods

Clear Cut w/Reserves

retain marked or designated trees or clumps (Clear Cut)

First Thin

Initial thinning in young Pine (Thinning)