

Approval Status: Completed

General Information						
Treatment Type	Treatment Method	Treatment Name	Acres	Cover Type	Age	
Harvest	Shelterwood	12089046RP-Cut	74.2			
BA Range	Site Condition	Proposed Start Date	Fiscal Year	Commercial Harvest		
		10/1/2012	2013	<input checked="" type="checkbox"/>		

Objectives
Cover Type Objective
Natural Mixed Pine (MC)
Age structure
Two-Aged
Acceptable Regeneration
Pine, Aspen, Maple

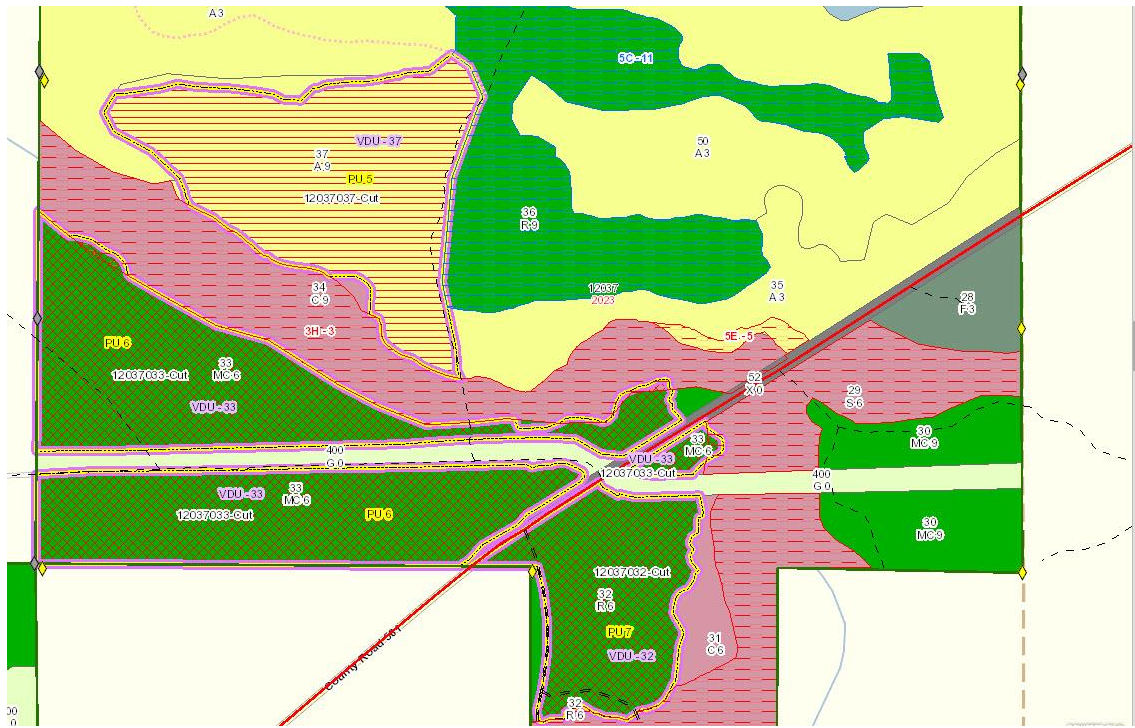
**Comments**

Prescription Specifications

Leave 20-40 BA of Pine. Whole tree skid summertime only. 2 MNFI points buffered. 10 chain buffer to North, 5 chain buffer to South. Reflected in treatment boundary. Leave Cedar and some large (Legacy) White and Red Pine.

Other Comments

Activity Tracking



**General Information**

Treatment Type	Treatment Method	Treatment Name	Acres	Cover Type	Age
Harvest	Group Selection	12037033-Cut	70.7	MC	78
				6	

BA Range	Site Condition	Proposed Start Date	Fiscal Year	Commercial Harvest
111-140	None	12/8/2021	2022	<input checked="" type="checkbox"/>

**Objectives**

Cover Type Objective  
 Natural Pine, Mixed Deciduous (MC)

Age structure  
 Two-Aged

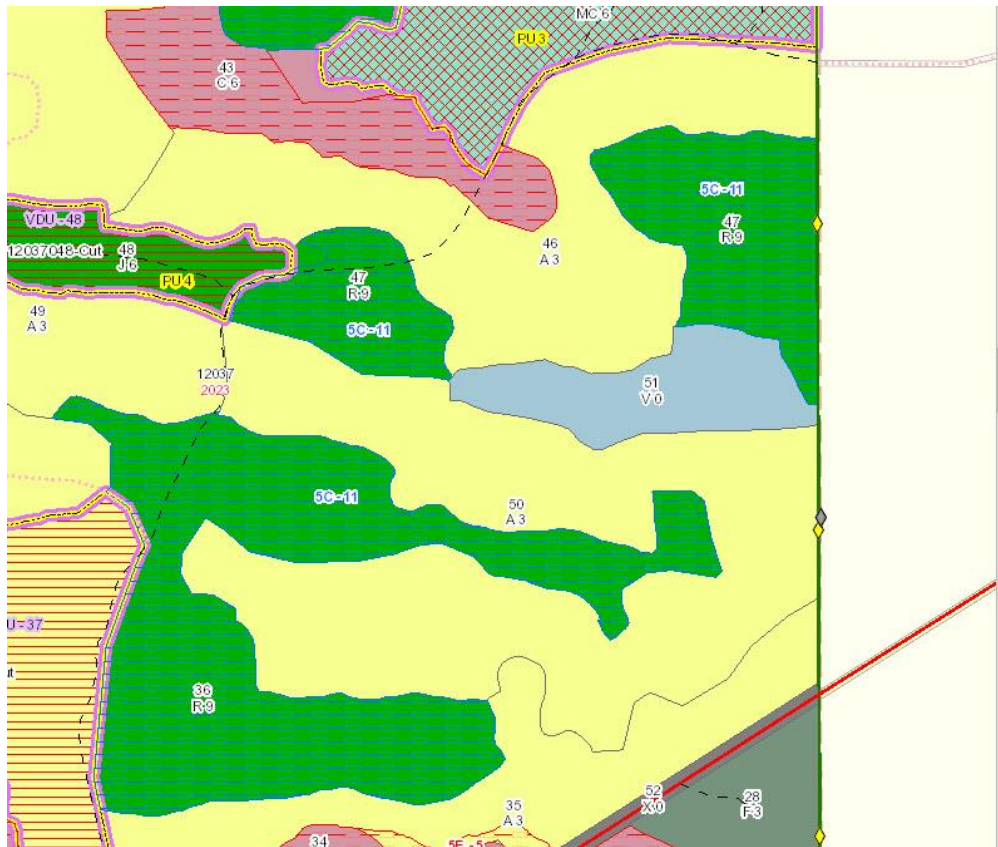
Acceptable Regeneration  
 pine, maple, aspen, spruce, fir

**Comments**

Prescription Specifications  
 Harvest all stems 2" and greater except cedar, red pine, white pine (oak & hemlock if found). Pockets of heavy red or white pine regeneration can be lined out if damage would be likely from harvesting other stems. Recommend summer harvest to promote scarification for better pine recruitment. Leave some component of white birch.

Other Comments  
 Merchantable Spruce and fir experiencing ~75% mortality from SBW in recent years.

**Activity Tracking**

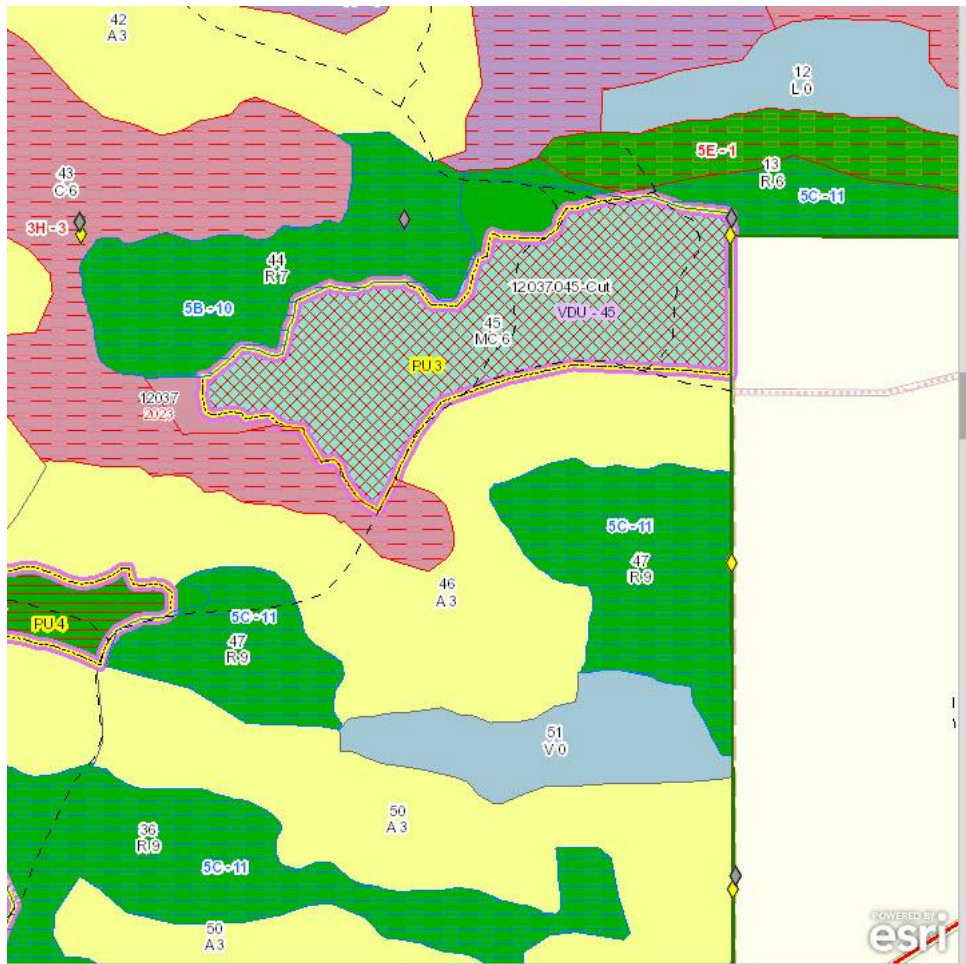


General Information					
Treatment Type	Treatment Method	Treatment Name	Acres	Cover Type	Age
Harvest	Clearcut with Retention	12037043-Cut	86.6		
BA Range	Site Condition	Proposed Start Date	Fiscal Year	Commercial Harvest	
		10/1/2012	2013	<input checked="" type="checkbox"/>	

Objectives
Cover Type Objective
Natural Pine, Mixed Deciduous (MC)
Age structure
Even-Aged
Acceptable Regeneration
pine, mixed hardwood, aspen, mixed softwood

Comments
Prescription Specifications
Cut all species 2" dbh and greater except red & white pine, cedar if present. Leave submerchantable conifer. Consider snow free harvest to encourage ground scarification to promote pine regeneration.
Other Comments
Expect stand composition to regenerate similar to existing stand





No messages

Approval Status: Completed

General Information

Treatment Type	Treatment Method	Treatment Name	Acres	Cover Type	Age
Harvest	Seed Tree	12037029-Cut	13.8		

BA Range	Site Condition	Proposed Start Date	Fiscal Year	Commercial Harvest
		10/1/2012	2013	<input checked="" type="checkbox"/>

Objectives

Cover Type Objective  
**Natural Red Pine (R)**

Age structure  
**Two-Aged**

Acceptable Regeneration  
**mixed conifer, mixed hardwood, aspen**

Comments

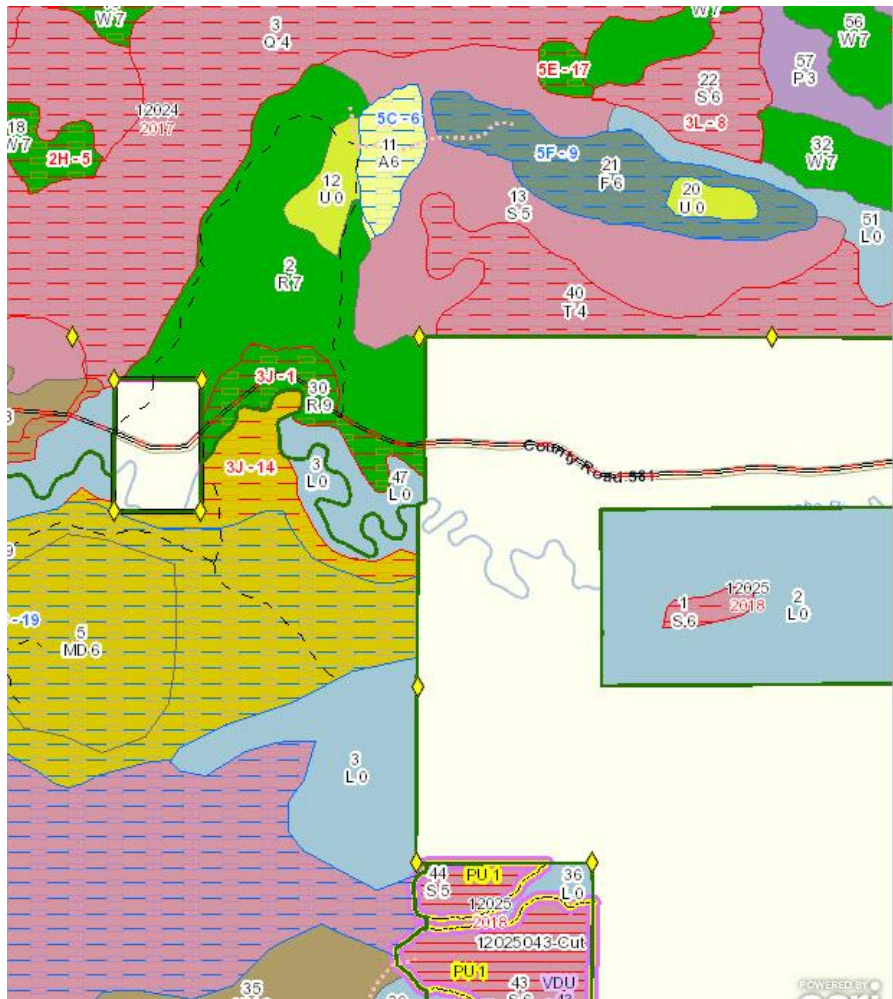
Prescription Specifications  
**Seed tree, marking high quality seed trees to leave at BA 20-40. Leave a few white pine seed trees for representation. Remove all other species, 2" dbh and greater. Encourage whole tree skid on bare ground.**

Other Comments  
**Stand is steep going down toward the north.**









### General Information

Treatment Type	Treatment Method	Treatment Name	Acres	Cover Type	Age
Harvest	Seed Tree with Retention	12024002-Cut	60.1		

BA Range	Site Condition	Proposed Start Date	Fiscal Year	Commercial Harvest
		10/1/2016	2017	<input checked="" type="checkbox"/>

### Objectives

- Cover Type Objective  
Natural Mixed Pine (MC)
- Age structure  
Even-Aged
- Acceptable Regeneration  
Pine

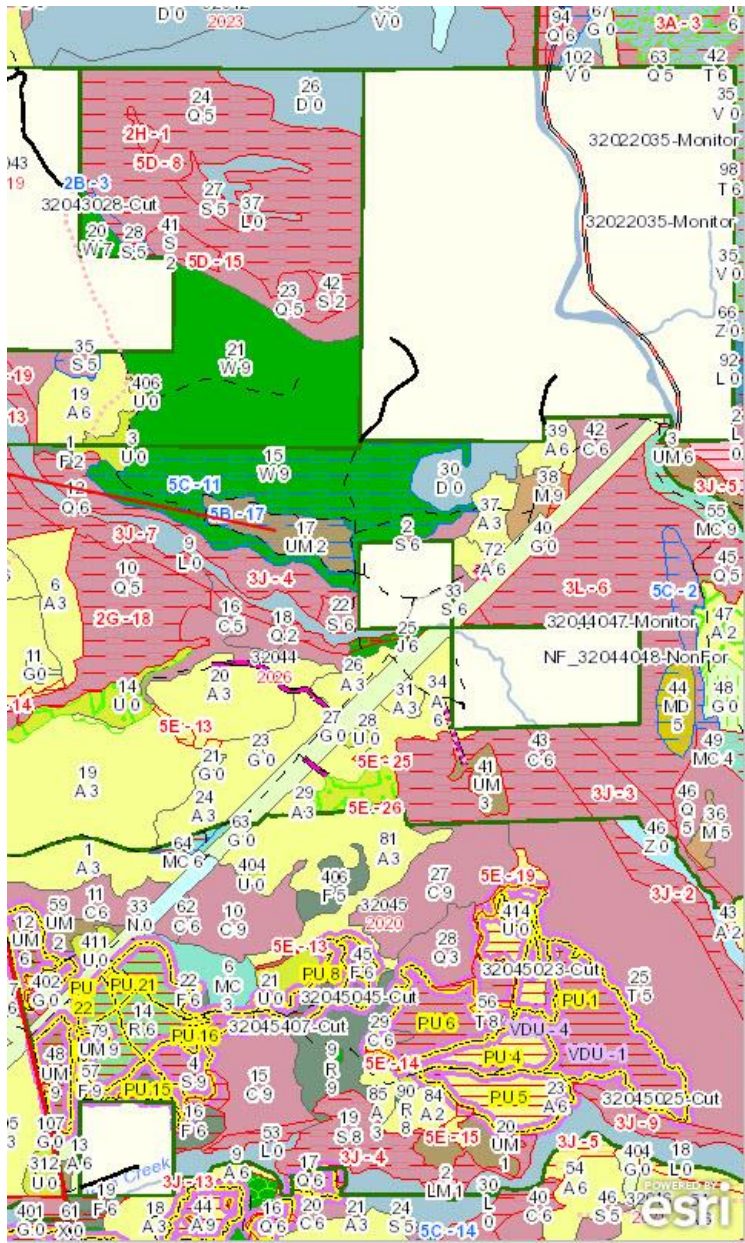
### Comments

Prescription Specifications  
Seed Tree Harvest targeting 20 residual BA of Pine. Leave Cedar, Hemlock if found.

---

Other Comments  
Next steps: Burn per UM direction then utilize cultivation dozer with root rake to scarify and expose bare mineral soil for receptive seedbed.

### Activity Tracking



Code	Common Name	Density	Size	Age	
30	White Pine	35	18	XLog/Log	110
3	Red Maple	20	1	Sapling	11
11	Quaking Aspen	20	1	Sapling	11
30	White Pine	10	4	Sapling	
10	Paper Birch	8	1	Sapling	11
12	Bigtooth Aspen	5	1	Sapling	11
32	Jack Pine	2	5	Pole/Sapling	11

Page 1 of 1 View 1 - 7 of 7

### Sub-Canopy

Common  Scientific

Code	Common Name	Density	Size	Avg Height	Age
30	White Pine	High	Seedling	< 5 feet	
21	White Spruce	Low	Sapling	< 5 feet	
20	Balsam Fir	Low	Sapling	< 5 feet	

Page 1 of 1 View 1 - 3 of 3

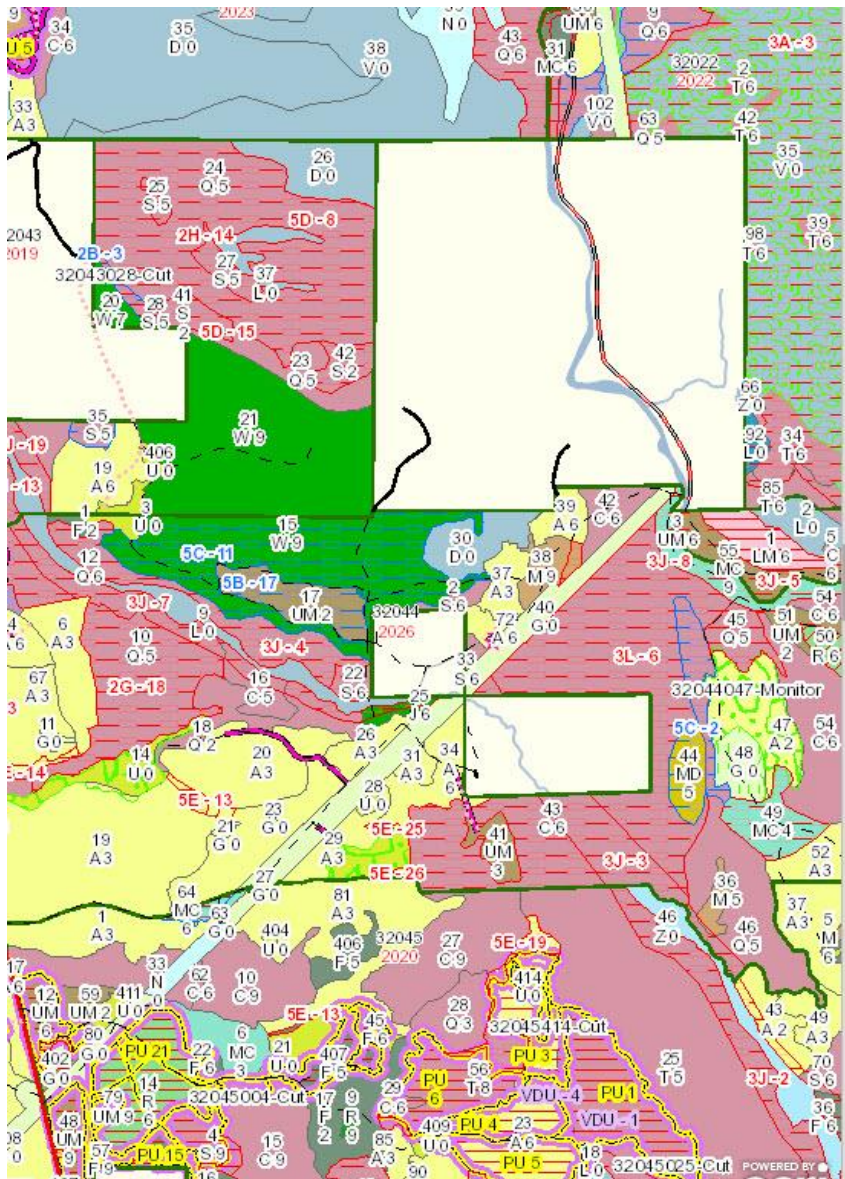
### Comments

Stand Harvested under "Bob's Creek Sale" #018-96 - cut fall, 1999 - Jan., 2000. Post harvest the Stand was treated with prescribed burn 5/22/2006 (C32-633); prescribed to be light burn to reduce maple, spruce competition and prepare seedbed for white and red pine regeneration. Site was also re-burned Sept, 8-9-2011 (32-720) to reduce more competition, prepare seedbed. When site was checked after the burn in 2023 the assessment was that the burn appeared to have been too hot and a failure to achieve these objectives - no regeneration present, other than a trace of red maple, aspen clumps, and overstory white pine is only 15-20% live with the remainder dead/dying. Heavy sedge, grasses, raspberry, mullein ground cover about the only thing present. Heavy char on tree boles.

A regeneration walk though in 2024 showed a fully forested stand with a mix of species white pine seedlings where prominent though outnumbered by aspen and maple. Also, of note where the presence of a significant amount of paper birch seedlings likely a result of the burn. While more natural pine would have likely been a desirable result though the burns likely contributed to the current prevalence of white pine seedlings in the stand.

Some older, slightly larger aspen present. Trace the amount of cherry and black spruce. Great subcanopy white pine regeneration 2024





Category:  Remaining  Common  Scientific

Code	Common Name	%	DBH	Size	Age
30	White Pine	75	16	Log	101
31	Red Pine	10	20	XLog/Log	
32	Jack Pine	5	6	Pole	
39	Hemlock	5	8	Pole/Log	
21	White Spruce	3	12	Log/Pole	
20	Balsam Fir	2	6	Pole/Sapling	

Page 1 of 1 View 1 - 6 of 6

Sub-Canopy:  Common  Scientific

Code	Common Name	Density	Size	Avg Height	Age
27	Tamarack	Trace	Sapling	Variable	
11	Quaking Aspen	High	Sapling	>20 feet	23
20	Balsam Fir	High	Sapling	Variable	
21	White Spruce	Medium	Sapling	Variable	
30	White Pine	Medium	Sapling	Variable	
20	Balsam Fir	Medium	Pole	>20 feet	
31	Red Pine	Low	Sapling	Variable	
32	Jack Pine	Low	Sapling	>20 feet	
3	Red Maple	Low	Sapling	>20 feet	
10	Paper Birch	Low	Sapling	>20 feet	23

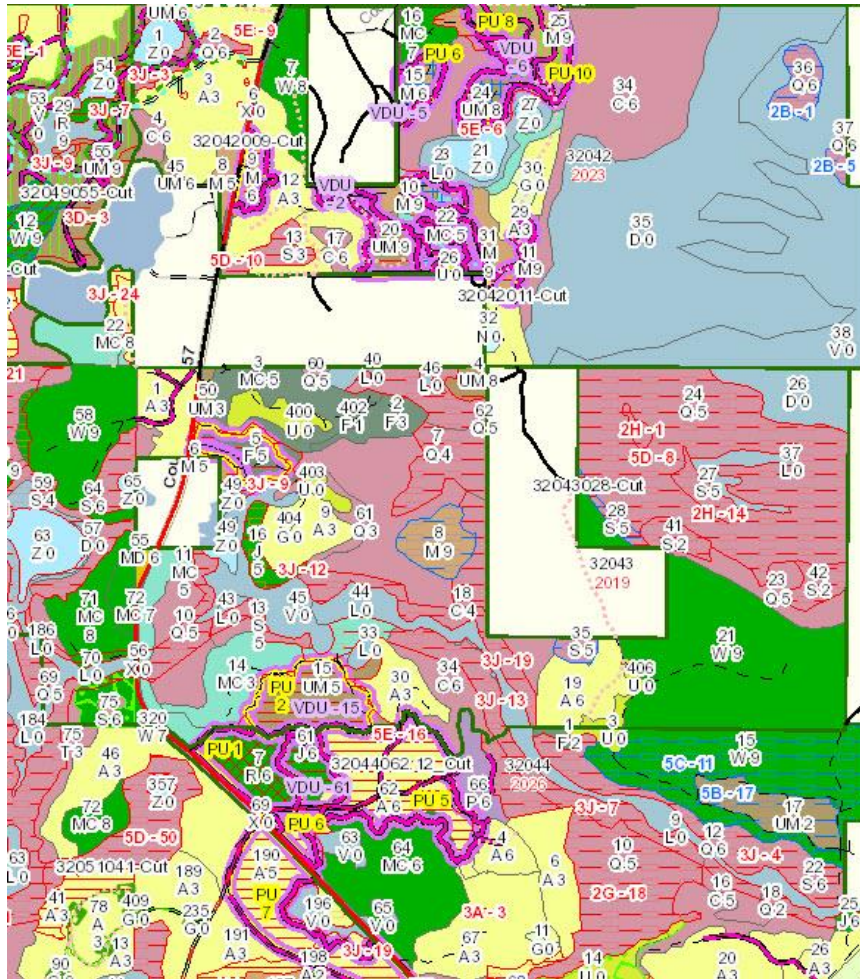
Page 1 of 2 View 1 - 10 of 11

**Comments**

"Bob's Creek Sale" #018-96 - cut fall, 1999 - Jan, 2000. Mixed regeneration obtained - a lot of 5-10' white and red pine regen along road/burn lines where mineral soil was exposed and 3-5' white pine elsewhere. East part of stand has heavier aspen regen component; more W7/A3 and some white pine regeneration. Heavier spruce/fir edges along south side, dropping into lower type, and more hemlock to the north. Good mix of species. 2014

Trace amount of paper birch (pulp/log). 2024





### General Information

Treatment Type	Treatment Method	Treatment Name	Acres	Cover Type	Age
Harvest	Group Selection	32044007.6_Cut	28.4	R6	71

BA Range	Site Condition	Proposed Start Date	Fiscal Year	Commercial Harvest
111-140	None	10/1/2021	2022	<input checked="" type="checkbox"/>

### Objectives

- Cover Type Objective
- Mixed Upland Forest (UM)
- Age structure
- Even-Aged
- Acceptable Regeneration
- aspen, jack pine, spruce, fir, red maple, white pine, and red pine.

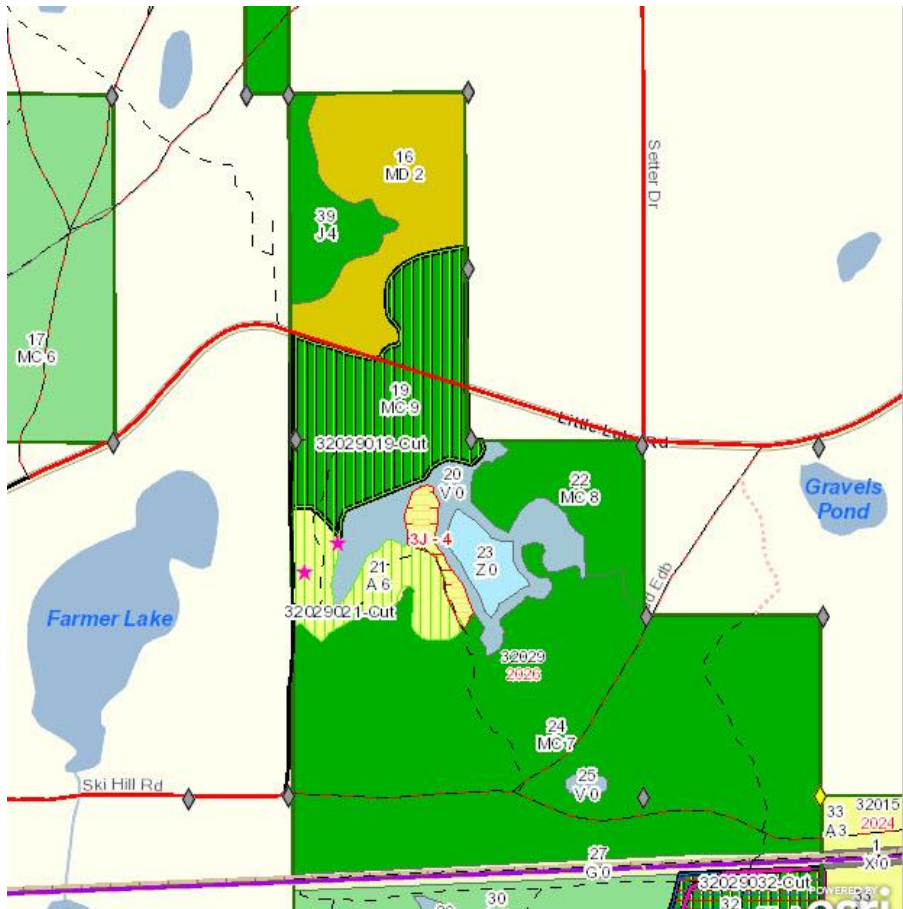
### Comments

Prescription Specifications

Cut all aspen, jack pine and fir. Mark all other trees for removal with a target residual BA of 70-90 SF. Remove trees of poor form, suppressed trees, make gaps in areas of regeneration, improve spacing, improve diversity through tree selection. Favor red pine, white pine and spruce when marking. White pine will be favored to provide black bear habitat.

Other Comments

This stand was purchased with State Game Funds.



### Active Treatment

[Start Editing](#)
[Save](#)
[Save and Close](#)
[Stop Editing](#)

#### General Information

Treatment Type	Treatment Method	Treatment Name	Acres	Cover Type	Age
Harvest	Shelterwood with Retention	32029019-Cut	41.7	MC	94
BA Range	Site Condition	Proposed Start Date	Fiscal Year	Commercial Harvest	
81-110	None	10/1/2025	2026	<input checked="" type="checkbox"/>	

#### Objectives

Cover Type Objective  
Mixed Upland Forest (UM)

Age structure  
Two-Aged

Acceptable Regeneration  
Oak, aspen, red maple, sugar maple, red pine, white pine, jack pine, black spruce, white spruce, and paper birch.

#### Comments

Prescription Specifications  
Retain 40-60 BA of pine and oak as shelterwood overstory. Cut all red pine and white pine under 18" dbh, except for trees marked in green paint. Cut all other merchantable species 4" dbh and greater regardless of merchantability, except reserve all oak. Green tree largest diameter pine available to obtain desired BA in areas where BA is not met with reserve oak and 18+" pine.

Other Comments