



# STAND SILVICULTURAL PRESCRIPTION WORKSHEET - NW Region

(Ctrl and ; enters today's date)

Forestry Area

1. **SRM Stand IDs:** Field Inspection by: Bill Julson Date: 3/24/2009 Blackduck  
 t15327w1310357  
 29 <----- Acres  
 Main stand [----- Additional adjacent stands with this prescription -----]

2. **ECS:**  
 LTA - 212Mb16, Beltrami-Pine Island Beach Ridges  
 Native Plant Community - FDn33  
 Growth Stage - Transition 1

3. **Soils:** Soil type Very Fine Sandy Loam or enter Soil Name:

4. **Relevant General Goals from Mgmt. Plan:**  
 Increase white/norway pine ,decrease aspen

5. **Past Management Practices:**  
 Unknown

6. **Present Conditions:**  
 **General Composition & Structure**  
 Continuous hardwood (aspen) canopy with a consistant balsam fir understory

Age (Main Species) 62  
 Site Index 67  
 Volumes  
 Aspen ~ 25 cd/ac, Balsam Fir ~8 cd/ac, Birch ~ 2 cd/ac.

Basal Area 171  
 **Understory/Advance Regeneration**  
 Predominatly mature balsam fir

**Landscape Context**  
 Stand is located at the end of the West Gemmel Ridge Forest Road. County land borders on the south side.

7. **Forest Health:**  
 Mature aspen growing on sand with an overmature declining balsam fir understory

8. **Desired Future Stand Condition:**  
 Soft conversion to a white/norway pine type. At the very least restore a satisfactory amount of pine to this type. (200 trees/ac ?)

9. **Prescription:**  
 Harvest balsam fir understory and reduce aspen overstory to approximatley 40 sq. ft. of basal area. Process trees at the stump to maintain a continuous slash mat. Prepare seedbed by burning slash mat. Aerial seed a mixture of white pine and norway pine following burn. Hand plant white pine (500 trees/ac) . Hand release pine as needed.

	SRM Action	Appoximate Year of Action	Acres	
	Shelterwood Harvest	2008	29	
	Burn Seedbed	2009	29	
	Seed/plant	2010	29	
	Hand Release/Plantskyd	2011	29	
	Plantskyd	2012	29	
	Hand Release/Plantskyd	2013	29	
(required)	Next site visit	2009	29	

10. **SRM Objective Codes:** COV51  
 INC52

11. **Remarks/prescription rationale:**

**Review :** Prescription Writer: Bill Julson Date: 3/24/2009  
 Area Silviculture Program Forester Matt Pollard Date: 4/22/2009  
 Area Timber Program Forester Date: