

**SFMA Prescription Descriptions for Silvicultural Operations in summer/fall 2011.**

**\*See MU data table for details about specific MU/SOPID.**

**1.**

**Treatment Code: GRPSEL**

**Objective:** Create canopy openings of diverse diameters ranging from 50ft in diameter to 150ft in order to regenerate a fixed amount of area based on area control approach to managing the MU.

**Treatment Description:** Group Selection treatment in mixed wood stand designed to create openings of various sizes in order to establish diversity of species within openings.

**Details:** Gaps will be pre-defined by SFMA staff layout done with mix of flagging and GPS polygons. 75% of gaps should be arranged to release advance regeneration. Within canopy openings retain all RS <10". Retain approx. 1-2 trees per opening of any species larger than 12". Protect advance regeneration where present.

**2.**

**Treatment Code: IRRSW**

**Objective:** Release softwood/hardwood advance regeneration where present, if not present then reduce canopy BA by approx. 50% to stimulate new cohort. Maintain scattered reserve trees for wildlife and biodiversity objectives.

**Treatment Description:** Irregular shelterwood: Condition 1: Where advance regeneration >16ft in height is well established, remove all overstory, excluding reserve trees. Condition 2: Where advance regeneration >16ft in height is NOT well established, uniformly retain 50% of overstory to culture/establish regeneration.

**Details:** Retain all RS <10". Retain all EH and WP. Retain approx. 3-5 trees per acre (200ft X 200ft) of any species with 50% larger than 12". Retain all species greater than 24". Protect advance regeneration where present. In pockets of softwood overstory with limited advance regeneration, reduce removal to 50% across all species and size classes.

**3.**

**Treatment Code: PATCH**

**Objective:** In hardwood areas regenerate defined polygons to either establish new cohort of hardwood species or release softwood/hardwood advance regeneration where present. Maintain scattered reserve trees for wildlife and biodiversity objectives.

**Treatment Description:** Patch cut in intolerant hardwood stand type with reserve tree retention, irregular shelterwood in softwood pockets.

**Details:** Retain approx. 3-5 reserve trees per acre (200ft X 200ft) of any species with 50% larger than 12". Retain all RS <10". Retain all EH and WP. Retain all species greater than 24". Protect advance regeneration where present. In pockets of softwood overstory reduce removal to 50% across all species and size classes.

**4.**

**Treatment Code: THIN**

**Objective:** Re-allocate growing space to best stems based on species preferences, protect advance regeneration where present.

**Treatment Description:** Uniform thinning from below with concentrated removals of BF in pockets. Intention is not to establish regeneration but establishment of new cohort will likely occur.

**Details:** Uniform thinning from below with concentrated removals in pockets of merchantable BF not to exceed 1/5ac in size (Diameter of 100ft). Retain all RS <10" and approx. 50% of larger RS with desirable stem and crown form, across size classes. Retain all EH and WP. Retain approx. 50% of hardwood with desirable stem and crown form, across size classes. Release crowns of desirable pole sized YB, SM on 2-3 sides. Protect advance regeneration where present. Fell moose maple where feasible.