

GMUG SBEADMR Treatment Implementation Data Sheet

Fiscal 2017

Treatment: Pauline Salvage

District: Gunnison

Proposed Treatment Acres: 3,087

Planned Treatment Acres: 1,500

Cover Type: Spruce/fir/aspen

Integrated Treatment Objectives: Recovery Treatment. Fuels removal and fuel loading reduction; Provide hare, marten, and lynx denning habitat; Snag retention, and landscape-scale habitat connectivity; Meet post-harvest tree stocking objectives; Road maintenance;

- Generate and maintain multiple stories;
- Shift species composition toward drought-resistant, shade-intolerant species;
- WUI: Decrease potential surface fire intensity via reduced surface fuels;

Desired Condition: Uneven-aged stand structure, increased species composition, appropriate tree stocking levels based on objectives; A portion of the stand contains dead mature spruce and living mature aspen with limited aspen regeneration; In these areas, dead spruce will be removed with mechanical equipment resulting in soil disturbance to stimulate aspen regeneration; Creation of a multi-storied stand of aspen will benefit multiple wildlife species. Hazard trees will be removed along Forest Roads 825 and 790.1F.

Estimated Miles of Temporary Road Construction: 10 miles. Five miles will be decommissioned by the purchaser by sale closure. The remaining routes will be decommissioned within 5-years of sale closure.

Known Design Feature Triggers:

- Maintaining habitat connectivity
- Goshawk nests in area
- American Marten documented in area

Cumulative Watershed Disturbance:

Watershed	Acres of National Forest Lands	Baseline disturbance acres ¹	Pauline Treatment Acres				
			Acres of temporary road ²	Acres of harvest ³	Reasonable foreseeable ⁴	Cumulative Disturbance (%)	Exceeds 20% trigger in EIS?
Pauline	24,904	1,945	48	356	122 ⁵	10	No
Headwaters of Los Pinos	31,698	1,346	0	19	310 ⁵	5	No

¹Existing infrastructure and roads weighted at 100% disturbance (1 acres = 1 acre) plus past vegetation disturbance weighted at 25% disturbance (4 acres = 1 acre of disturbance).

²One mile of road construction = 4.8 acres of disturbance.

³Vegetation management disturbance weighted at 25% disturbance (4 acres = 1 acres)

⁴Reasonable foreseeable vegetation disturbances weighted at 25% disturbance (4 acres = 1 acre).

⁵Salvage activities associate with the Willow Mesa and Nutras Salvage Sales also planned for FY-17 and other non-SBEADMR foreseeable actions planned in the watershed.

Lynx Analysis Units: Stewart Creek and Los Pinos

Lynx Analysis Unit	Total Acres of lynx habitat	Baseline disturbance acres and percent unsuitable ¹	Pauline Treatment Acres				
			Acres of road ²	Acres of harvest converting to unsuitable ³	Reasonable foreseeable ⁴	Cumulative Disturbance (%)	Exceeds 25% trigger in EIS?
Stewart Creek	26,858	1,961	48	549	166 ⁵	10	No
Los Pinos	23,834	1,223	0	30	8 ⁵	5	No

¹Existing infrastructure and roads weighted at 100% disturbance (1 acres = 1 acre) plus past vegetation disturbance weighted at 25% disturbance (4 acres = 1 acre of disturbance).

²One mile of road construction = 4.8 acres of disturbance or conversion of 4.8 acres of lynx habitat to unsuitable.

³In single storied stands with high overstory mortality, lynx habitat is considered unsuitable. In multi-storied stands with live understory, the lynx habitat is considered suitable. Therefore loss due to logging activities is considered incidental and is a result of harvest method.

⁴Reasonable foreseeable vegetation disturbances weighted at 25% disturbance (4 acres = 1 acre).

⁵Salvage activities associate with the Nutras and Willow Mesa salvage sales also planned for FY-17.

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