

GMUG SBEADMR Treatment Implementation Data Sheet

Fiscal 2017

Treatment: Willow Mesa Salvage

District: Gunnison

Proposed Treatment Acres: 637

Planned Treatment Acres: 478

Cover Type: Spruce/fir

Integrated Treatment Objectives: Recover 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.

Estimated Miles of Temporary Road Construction: 5 miles. Approximately four miles of temporary roads will be decommissioned by the purchaser by sale closure. The remaining one mile of temporary roads will be decommissioned within 5-years of sale closure.

Known Design Feature Triggers:

- Temporary road stream crossings
- Maintaining habitat connectivity
- Goshawk nests in area
- American Marten documented in area
- Wetland areas
- Wilderness boundary

Cumulative Watershed Disturbance:

Watershed	Acres of National Forest Lands	Baseline disturbance acres ¹	Willow Mesa Treatment Acres				
			Acres of temporary road ²	Acres of harvest ³	Reasonable foreseeable ⁴	Cumulative Disturbance (%)	Exceeds 20% trigger in EIS?
Pauline Creek	24,904	1,945	24	144	583 ⁵	11	No
Headwater of Los Pinos	31,698	1,346	0	8	332 ⁶	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 Pauline Creek and Nutras Salvage Sales also planned for FY-17 and other non-SBEADMR foreseeable actions planned in the watershed.

⁶Salvage activities associate with the Pauline Creek Salvage Sale also planned for FY-17 and other non-SBEADMR foreseeable actions planed 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	Willow Mesa Treatment Acres				
			Acres of road ²	Acres of harvest converting to unsuitable ³	Reasonable foreseeable ⁴	Cumulative Disturbance (%)	Exceeds 25% trigger in EIS?
Stewart	26,858	1,961	24	109	627 ⁵	10	No
Los Pinos	23,834	1,223	0	8	30 ⁶	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 Pauline and Nutras Salvage Sales also planned for FY-17.

⁶Salvage activities associate with the Pauline Creek Salvage Sale also planned for FY-17.

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