**2023 Antelope Creek Treatment Specifications**

**Sections 01, 14 & 34**

**Section 01**

* Ensure cultural inventory has been certified and avoidance areas identified prior to implementation.
* Create a fuel break extending up to 300’ on either side of the Pineview Road within section 01 (and within identified blue polygon on map).
* Thin all live ponderosa <8” DBH and > 1’ tall to a variable spacing of 25’-35’ between boles. Ponderosa trees >8” DBH can be included in spacing. Select leave trees with good form.
* Cut all Rocky Mountain juniper.
* Remove most conifers <8” DBH within 10’ of the road ditch.
* Limb most ponderosa within 100’ of the road; do not remove more than 1/3 of the tree canopy with limbing.
* Pile all activity material and most standing dead & down dead within 100’ of the road; piles may be created by hand or machine.
* Pile concentrations of activity material and dead & down existing 100’-300’ from the road; light fuel concentrations (<5 tpa ) may be scattered within this zone.
* Hand piles shall be located >25 feet from the road and machine piles >50’ from the road, fences or other improvements.
* Do not create piles on down logs, stumps, or any other burnable material.
* Pile size should be compact and 6’x6’ minimum.

**Section 14**

* Adhere to flagged (red/white candy stripe) cultural avoidance areas.
* Hand fell and machine pile (preferred) or hand pile area identified on map (3.5 acres; blue polygon); additionally, hand fell and machine pile any trees within 150’ of 2-track road; do not limb or buck hand felled trees (if trees are >50’ in height, buck in half once).
* Hand treatment may also occur in portions of the unit that are inaccessible by equipment; preferably lop and scatter, but if fuel concentrations are too great (slash height exceeds 18” etc.), hand piles may be created.
* Masticate ~171 acres (green polygon); avoid mastication of any trees within 150’ of 2-track road.
* Prioritize removal of most live ponderosa <8” DBH and > 1’ tall, particularly where conifers have encroached sagebrush communities and meadows; within established mature ponderosa stands or in areas not displaying signs of recent encroachment remove ponderosa < 8” DBH while prioritizing 4”-8” DBH leave trees with good form spaced 25’-35’ between boles (ponderosa trees >8” DBH can be included in spacing).
* Occasionally, leave some small clumps (.05 to .5 acre) of younger age class ponderosa (generally 1-3” DBH preferably within or adjacent to established mature pine stands).
* Target and remove all Rocky Mountain juniper; some old large diameter juniper exist that may not be feasible to treat.
* Adhere to no treatment areas identified on the map as well as limit treatment within timbered draws.
* Dead standing or on the ground material shall not be treated.

**Section 34**

* Ensure cultural avoidance areas are identified prior to implementation.
* Masticate identified treatment area (25-50 acres; green polygon)
* Target all live Ponderosa <8” DBH and > 1’ tall.
* Target all Rocky Mountain juniper.