



WEST DESERT BLM FUELS MANAGEMENT

STOCKTON

The Stockton project is a broad scale hazardous fuels reduction and wildlife habitat enhancement project located in the West Desert of Tooele County on the northeast bench of Rush Valley (western slope of the Oquirrh Mountains).

Location: Stockton, Tooele County, Utah

Timeline: 2011-ongoing

Acres: 4200

Treatment Type: Mechanical

Objectives:

- Reduce targeted juniper stands to less than 5% Canopy Cover
- Break up continuity and decadence of sagebrush
- Apply herbicide
- Seed

For More Information:

WDD Fuels Program, 801.977.4300



Treatment actions include:

- Employ mechanical methods to reduce targeted juniper stands from 30% canopy cover to less than 5% canopy cover.
- Employ mechanical methods to remove older sagebrush allowing for a younger more supple age class to replace it.
- Utilize Plateau herbicide (active ingredient Imazapic) to reduce cheatgrass cover.
- Seed both mechanical and herbicide treatment areas in order to establish desirable, fire resistant perennial understory of grasses and forbs.

The juniper thinning treatment will be done using a mechanical shredder to create large openings within thick juniper stands, with islands of old growth trees and wildlife corridors remaining undisturbed. Pinyon trees would be avoided.

Areas with cheatgrass present or with high potential for invasion following disturbance would be sprayed with Plateau herbicide at a rate of 4 – 8 oz/ac. Plateau is a pre-emergent herbicide that kills cheatgrass seeds as they germinate and provides effective control for up to 2 years. Application would occur during the fall and be applied using aerial and ground based spray methods. Plateau is not expected to affect the seeded species.

