

## Methow –Alder Creek

**Description:** This area is comprised of the Alder Creek road system, McClure Mt., Booth Canyon, and the Lookout Mt. trailhead. Diffuse knapweed densities are high on the lower Alder Creek road or otherwise scattered and patchy. Diffuse knapweed populations are high on private land on lower Booth Canyon. Rapid treatment response to the detection of single plants of baby's breath and common tansy has been effective in preventing establishment.

**Infested acres:** 3.5

**Total acres:** 5,069

**5<sup>th</sup> Field watershed:** MIDDLE METHOW RIVER, HUC 1702000806

**Major Streams and Waterbodies:** Alder Creek

**Elevation:** 2000 to 5500 feet

**Vegetation Type:** Douglas-fir, Ponderosa pine, Lodgepole pine, Shrub steppe and Low elevation grassland.

**Soils:** developed mainly from glacial activity (continental and alpine) and from volcanic ash deposition on the surface; till left by the glaciers is generally coarse with soil textures mostly sandy loams and loamy sands with rock fragment content from 15 to 65 percent gravels, cobbles and stones.

**Precipitation:** 16-28 inches

**Special Management Areas:** Alder Creek horse pasture, corral, and powder houses

**Recreation:** hunting, hiking

**Grazing:** Lookout Mountain allotment

**TES, ISSSP Species:** None

**Other land Ownerships:** Private

**Vectors of spread:** Vehicle traffic, recreational use, some livestock and wildlife spread.

**Ongoing Treatments:** Okanogan IWM EA 2000. The diffuse knapweed at the Alder Creek Corral and at the Twisp View mine were treated with herbicide in the early 2000s and densities remain low. Some hand pulling has been done on the lower Alder Creek road but densities remain high. Rapid treatment response to the detection of single plants of baby's breath and common tansy has been effective in preventing establishment. the Alder Creek Corral was treated with herbicide in the early 2000s and along with effective bio control, populations remain low.

**Existing NEPA:** None

**IWM Strategy:** Use herbicides to control all new invader populations and to reduce the populations of diffuse knapweed where densities and spread potential are the highest. Continue to use biocontrol on diffuse knapweed. When effective, use manual control where new invader populations are small and where there are populations near water. Continue to monitor for new invaders. Continue to prevent and revegetate new soil disturbance.

### Existing Sites and Treatment Objectives

Species Code	Common name	Infested acres	# of sites	Site types	Objective
CADR	whitetop	0.1	1	1,5,6	Eradication
CEDI3	diffuse knapweed	3.2	3	1,5,6	Containment
LIDA	Dalmatian toadflax	0.1	1	1,6	Control/Suppression