

## Methow – Upper Boulder Creek

**Description:** This area is comprised of the 3700 and the 3900 road system on west of the Tonasket District boundary above the 3700-690 road junction. The area includes the 3900-060 road system and the 3700-630 and 3700-635 roads. The roads are within the Middle, South and North Fork Boulder Creek and the Bernhardt Creek drainages. There is a developed campground and 2 trailheads. Beaver meadows and some of the smaller wet meadow in the headwaters of these drainages are included within the area. Common tansy and oxeye daisy have been found associated with the road system. There are populations of orange hawkweed in Parachute meadows on the Tonasket District and within upper Blue Buck Creek just south of Beaver Meadows with a high potential of undiscovered populations associated with these known infestations within the treatment area.

**Infested acres:** .31

**Total acres:** 33,207

**5<sup>th</sup> Field watershed:** LOWER CHEWUCH RIVER, HUC 1702000804

**Major Streams and Waterbodies:** South Fork Boulder, Middle Fork Boulder, North Fork Boulder, Bernhardt Creek, Tiffany lake, Roger Lake

**Elevation:** 4300 to 8200 feet

**Vegetation Type:** Lodgepole pine, Subalpine fir, Parkland, Montane Shrub, Montane herbaceous opening, High elevation herbaceous and shrub, Conifer mix, Wetland.

**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:** 24-32 inches

**Special Management Areas:** Tiffany Botanical area, Roger Lake RNA, 1 campground

**Recreation:** hiking, dispersed camping, hunting, and winter sports

**Grazing:** The portion of the treatment area below the 3700-3900 junction is within the East Chewack cattle allotment

**TES, ISSSP Species:** *Agoseris lackschewitzii*, *Carex heteroneura* var. *epapillosa*

**Other land Ownerships:**

**Vectors of spread:** Vehicle traffic, hiking, cattle, wildlife

**Ongoing Treatments:** Some manual treatment of the new invader weeds.

**Existing NEPA:** None

**IWM Strategy:** Use herbicides to control all new invader populations where manual treatment is not effective. When effective, use manual control where new invader populations are small and where there are populations near water. Continue to survey for new invaders. Treatment at the campgrounds and trailheads will continue to be a priority to prevent the spread of weeds on roads by vehicles and hikers. Continue to monitor for new invaders. Continue to prevent and revegetate new soil disturbance.

### Existing Sites and Treatment Objectives

Species	Common name	Infested acres	# of sites	Site types	Objective
HIAU	orange hawkweed	0.0	1	1,6	Eradication
LEVU	oxeye daisy	0.1	1	1,6	Control/Suppression
TAVU	common tansy	0.2	2	1,6	Control