

## Tonasket - Aeneas

**Description:** This area has been influenced primarily by timber harvest and grazing. Visitor use is low. Noxious weed infestations occur along road corridors and old harvest units. Populations of Canada thistle, common mullein and cheatgrass are known to occur but have not yet been mapped in all locations.

**Infested acres:** 490

**Total acres:** 23,908

**5<sup>th</sup> Field watershed:** West Fork San Poil

**Major Streams and Waterbodies:** Aeneas, and Bailey creeks.

**Elevation:** 3000 to 5600 feet

**Vegetation Type:** Douglas-fir, Conifer mix, Lodgepole pine, Low elevation grassland/ Shrub steppe, Western larch, Ponderosa pine, Engelmann spruce,

**Soils:** Soils within the watershed are derived from glacial material, volcanic ash deposits and to a more limited extent, from residuum of bedrock.

**Precipitation:** 15-30 inches

**Special Management Areas:** None

**Recreation:** Recreation opportunities include, dispersed camping, hiking, horseback riding, and hunting, firewood gathering and snow mobile riding.

**Grazing:** The area is within the Aeneas, Bailey, Tunk and Richwood allotments.

**TES, ISSSP Species:** *Sisyrinchium septentrionale*

**Other land Ownerships:** Private.

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

**Ongoing Treatments:** Herbicide applications of picloram and glyphosate and hand pulling have been occurring since 1994 on existing populations of noxious weeds. Population densities have been reduced.

**Existing NEPA:** All of this treatment area is covered under the 1997 and 2000 Okanogan National Forest Integrated Weed Management EAs and 2 meadow hawkweed sites covered under the 1999 Okanogan National Forest Integrated Weed Management EA.

**IWM Strategy:** Use herbicides to control or eradicate new invader populations. Hand pull small new invader populations where manual treatment is effective. Continue to inventory for new invaders. Continue to revegetate soil disturbance. Biological control agents exist on populations of Musk thistle.

### Existing Sites and Treatment Objectives

Species Code	Common name	# of sites	Infested acres	Site types	Objective
CEB12	spotted knapweed	8	187.1	1,3,6	Eradicate
CED13	diffuse knapweed	18	96.8	1,3,6	Eradicate
CIAR4	Canada thistle	3	0.4	1,6	Control
HIAU	orange hawkweed	1	5.0	1,6	Eradicate
HYPE	common St. Johnswort	9	103.2	1,3,6	Eradicate
LEVU	oxeye daisy	4	97.2	1,3	Eradicate

LIDA	Dalmatian toadflax	1	0.1	1	Eradicate
PORE5	sulfur cinquefoil	5	0.4	1,3,6	Eradicate
VETH	Common mullien	UNK	UNK	all	Tolerate
BRTE	Bromus tectorum	UNK	UNK	all	Tolerate