

## Tonasket - Dugout

**Description:** This area has been influenced primarily by timber harvest and grazing. Visitor use is low. Much of the Dugout Mountain area is accessible for administrative use only. Noxious weed infestations occur along road corridors and old harvest units. Populations of Canada thistle, common mullien and bromus tectorum are known to occur but have not yet been mapped in all locations.

**Infested acres:** 642

**Total acres:** 11,330

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

**Major Streams and Waterbodies:** West Fork San Poil River, Sheep and Lost Creeks.

**Elevation:** 2800 to 5200 feet

**Vegetation Type:** Douglas-fir, Conifer mix, Ponderosa pine, Low elevation grassland/Shrub steppe.

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

**Precipitation:** 10-25 inches

**Special Management Areas:** None

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

**Grazing:** The area is within the Dugout allotment

**TES, ISSSP Species:** None

**Other land Ownerships:** Private. Confederate Tribes of the Colville Reservation.

**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 1 orange hawkweed site 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
CANU4	musk thistle	4	1.6	1,6	Eradicate
CEBI2	spotted knapweed	5	13.7	1,6	Eradicate

CEDI3	diffuse knapweed	11	101.4	1,3,6	Eradicate
HIAU	orange hawkweed	4	7.2	1,6	Eradicate
HICA10	meadow hawkweed	5	7.2	1,5,6	Eradicate
HYPE	common St. Johnswort	12	94.1	1,6	Eradicate
LEVU	oxeye daisy	2	208.1	1,3	Eradicate
LIDA	Dalmatian toadflax	1	0.1	6	Eradicate
PORE5	sulfur cinquefoil	5	208.3	1,3,6	Eradicate
VETH	Common mullien	UNK	UNK	all	Tolerate
BRTE	Bromus tectorum	UNK	UNK	all	Tolerate