

**Entiat –Columbia Breaks**

**Description:** This treatment area includes the Columbia breaks (foothills of the Cascades on their boundary of the Columbia River) from the Entiat River north to the ridge above Lake Chelan.

**Infested acres:** 92.7

**Total acres:** 16,369

**5<sup>th</sup> Field watershed:** Lake Entiat HUC

**Major Streams and Waterbodies:** Columbia River

**Elevation:** 2000-3200ft

**Vegetation Type:** shrub steppe, open Ponderosa pine forest.

**Soils:** Sandy Loam

**Precipitation:** less than 10 to 15 inches/year

**Special Management Areas:** none

**Recreation:** dispersed camping, hiking, hunting, snowmobiling, motorcycle, horseback, and mountain bike riding.

**Grazing:** None currently, although historic grazing occurred.

**TES, ISSSP plants:** none

**Other land Ownerships:** Washington State, BLM

**Vectors of spread:** Vehicle traffic, recreational use, wildlife, wind.

**Existing NEPA:** Wenatchee Forest wide Noxious Weed EA 1998

**Ongoing Treatments:** The yellow star thistle infestations are treated in cooperation with WDFW. Primary roads in the area are monitored and spot-sprayed.

**IWM Strategy:** Monitor for new invaders. Eradicate small populations of yellow star thistle, Dalmatian toadflax, and St. John’s wort. Spot spray invasives on road systems to prevent spread.

**Existing Sites and Treatment Objectives**

Common name	# of sites	site types	Infested acres	Objective
Yellow star thistle	2	1,6	.8	Eradicate
Diffuse knapweed	34	1,5,6	61.3	Control
Spotted knapweed	15	1,5,6	16.9	Control
Bull thistle	2	1,6	.2	Control
Sulphur cinquefoil	12	1,5,6	9.7	Control
Russian thistle	1	6	3.5	Eradicate
Common St. John’s wort	1	1,6	.4	Eradicate
Dalmatian toadflax	2	1,6	.1	Eradicate
<b>Total</b>	69		93	