

## Chelan –Northshore 2

**Description:** This area extends from the ridge west of Alta Coulee to the includes the portion of the Northshore toadflax emphasis area that drains into the Columbia. Dalmatian toadflax is the primary weed of concern because it has spread from the roads up onto the hillsides.

**Infested acres:** 425

**Total acres:** 8,964

**5<sup>th</sup> Field watershed:** Upper Columbia Swamp Creek

**Major Streams and Waterbodies:** Columbia River, Antoine Creek Creek.

**Elevation:** 1800-6600 ft.

**Vegetation Type:** dry forest, shrub steppe

**Soils:** Sandy Loam

**Precipitation:** 12-14"/yr – 36-40"/yr

### **Special Management Areas:**

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

**Grazing:** None.

**TES, ISSSP plants:** *Cypripedium montanum* (Survey and Manage known site)

**Other land Ownerships:** Private, Washington State, Tribal

**Vectors of spread:** Road and trail use, wildlife, wind, fire suppression and rehab.

**Ongoing treatments:** The road systems are spot sprayed and weed populations have been significantly reduced. Biocontrols for both knapweed and toadflax have been released in the area and are slowly spreading.

**Existing NEPA:** Wenatchee Noxious Weed EA, A to A EA.

**IWM Strategy:** Minimize new ground disturbance, if un-avoidable monitor and treat any new infestations. Seed with local native seed, if necessary. Contain and reduce the existing infestations, prevent spread to un-infested sites. Spot spray roads and travel routes. Use biocontrols on large off-road infestations. Spot spray small off-road infestations in new sites to prevent expansion. Coordinate with the prescribed burning program to prevent spread of invasive plants.

### **Existing Sites and Treatment Objectives**

Species	# of sites	site types	Infested acres	Objective
Dalmatian toadflax	42	1,5,6	192.4	Control
Diffuse knapweed	37	1,5,6	149.6	Control
Spotted knapweed	8	1,5,6	8.6	Control
Bull thistle	1	1,5,6	1.6	Eradicate
Common mullein	5	1,5,6	2.8	Eradicate
Cheatgrass	13	1,5,6	57	Contain
Bulbous bluegrass	10	1,5,6	12.8	Contain
<b>TOTALS</b>	116		424.8	