

Entiat – Tommy Creek Treatment Area

Description: The Tommy Creek road (5605) leaves the Entiat River road approximately 8 miles from its terminus near Cottonwood campground. The 5605 road ends at the trailhead for the Tommy Creek Trail, which is part of a network of multiple use trails. A gravel pit is also accessed off the road. Road 5605 has the furthest up-valley infestation of Dalmatian toadflax (apparently introduced in a load of gravel brought in for road work). This infestation is isolated from other infestations down valley and is a candidate for eradication. Spotted and diffuse knapweed are also scattered along the road.

Infested acres: 1.3

Total acres: 1912

5th Field watershed: Entiat River

Major Streams and Waterbodies: Tommy Creek, Entiat River

Elevation: 2300 – 5800ft.

Vegetation Type: Mixed conifer forest (Douglas fir, grand fir, subalpine fir, silver fir), some grassland, montane shrub, and riparian.

Soils: Sandy Loam

Precipitation: 30-40 inches/year

Special Management Areas: LSR, on lower portion of the road.

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

Grazing: None

TES, ISSSP plants: none known

Other land Ownerships: none

Vectors of spread: Vehicle traffic, recreational use, fire suppression lines, road brushing, wildlife, rock slides.

Ongoing Treatments: The road system has been under a spot-spraying (picloram) treatment program for the past 8 years, with Dalmatian toadflax as the primary target. Populations of the toadflax and the knapweeds have been reduced and the toadflax has not spread up the trail or into the area burned by the Tommy Creek fire. Toadflax plants are growing in and around the ceanothus shrubs, making detection difficult.

IWM Strategy: Prevent further introduction of new invaders by approving sources of gravel and road fill. Monitor for new invaders. Continue to spot spray Dalmatian toadflax plants with the goal of eradicating toadflax from this treatment area. Continue herbicide spot spraying of knapweed plants until numbers are reduced to the level that hand pulling is feasible.

Existing Sites and Treatment Objectives

Code	Common Name	# of sites	site types	Infested acres	Objective
CEDI3	Diffuse knapweed	2	1,3,6	0.7	Control
LIDA	Dalmatian toadflax	1	1,3,6	0.6	Eradicate
HYPE	St. John's wort	1	1,6	.1	Eradicate
TOTALS				1.3	

