

Chelan –Grade Creek Road West

Description: This area includes the western edge of the roaded area on the north shore of Lake Chelan.

Infested acres: 52.7

Total acres: 16,459

5th Field watershed: Lower Lake Chelan HUC #1702000903, Upper Lake Chelan HUC# 1702000902

Major Streams and Waterbodies: Lake Chelan, Safety Harbor Creek, Falls Creek,

Elevation: 1200-7800 ft.

Vegetation Type: primarily: ponderosa pine, lodgepole pine, shrub steppe, subalpine fir, low elevation grassland, montane shrub and grassland

Soils: Sandy Loam

Precipitation: 12-14"/yr – 36-40"/yr

Special Management Areas: None.

Recreation: Hiking, backpacking, motorized trail use, recreational driving.

Grazing: includes portions of two grazing allotments: McFarland and Horsethief.

TES, ISSSP plants: Whitebark pine.

Other land Ownerships: None

Vectors of spread: Foot travel, motorized travel, livestock, wildlife, wind.

Ongoing treatments: Invasive plants are currently spot sprayed or hand-pulled, along the roadsides.

IWM Strategy: Eradicate the small infestations of St. John’s wort and Dalmatian toadflax before they can spread. Spot spray the knapweeds in order to prevent seed production and to kill adult plants. Knapweed seed may live for 10 years in the soil so yearly treatment and monitoring would be required. Avoid prescribed burning of cheatgrass infested areas. Coordinate with allotment manager to prevent livestock use from exacerbating invasive plant problems.

Existing Sites and Treatment Objectives

Common Name	# of sites	site types	Infested acres	Objective
Cheatgrass	3	5,6	24.2	Contain
Diffuse knapweed	2	1,5,6	22.9	Control
Spotted knapweed	6	1,5,6	5.5	Control
St.John’s wort	1	1	0.1	Eradicate
Dalmatian toadflax	1	1	trace	Eradicate
TOTALS	26		52.7	