

Cle Elum –Little Joe

Description: This treatment area located just north of Cle Elum Lake. Public services include Owhi, Salmon la Sac, Red Mountain and Cayuse Horse Campgrounds. Sno-Parks: French Cabin, and Salmon la Sac access miles of groomed snowmobile and X-country skiing as well as the Red Mountain Voluntary Non-Motorized area. The Pete Lake, Polallie, Wapatus and Davis Peak trailheads are all access points to the Alpine Lakes Wilderness as well as motorized access to Jolly Mtn. and a network of trails are designated pack/hiking trails within this treatment area. The 4312, French Cabin area is dominated by diffuse knapweed and oxeye daisy and most invasives are confined to the road corridor. One gravel pit near Howsen Creek is also highly infested with invasive plants. Some small populations of orange hawkweed have been found on private lands near Cooper Lake and found along the FS 4800 rd.

Infested acres: 123

Total acres: 28212

5th Field watershed: CLE ELUM RIVER 1703000101

Major Streams and Waterbodies: Cooper Lake, Cooper River, Cle Elum River, Cooper Lake, Tumble Creek, Stave Creek, Paris Creek, French Cabin, Salmon la Sac Creek, Thorp Creek, Howson Creek, West Fork French Cabin Creek

Elevation: 2300 to 5800 feet

Vegetation Type: Pacific silver fir, western hemlock, mountain hemlock, montane herbaceous opening, montane shrub, grand fir, parkland, Ponderosa pine, riparian and deciduous, non-vegetated, water, wetland, subalpine fir, high elevation herbaceous and shrub openings, Douglas-fir, aquatic emergent, and low elevation grassland.

Soils:

Precipitation: 45-107 in/yr.

Special Management Areas: Alpine Lakes Wilderness

Recreation: Hunting, hiking, ORV, snowmobiling, Nordic skiing, fishing, boating, horseback riding and camping.

Grazing: Cooper French (18586) and Corral Fortune (1475.4)

TES, ISSSP Species: None

Other land Ownerships:

Vectors of spread: Vehicle traffic, recreational use, livestock, soil disturbing activities and wildlife.

Ongoing Treatments: The FS and the Kittitas County Weed Board are conducting some spot herbicide treatment along main road corridors.

Existing NEPA: Some of this treatment area along the 4330 is covered under the 2011 Cle Elum River Floodplain Restoration EA and 1999 Forest-wide Noxious Weed EA: Wenatchee National Forest.

IWM Strategy: Use herbicides to control all new invader populations and to reduce the populations of species listed in table 1. where densities and spread potential are the highest. When effective, use manual control where new invader populations are small and where there are populations near water. Continue to monitor for new invaders. Continue to prevent and revegetate new soil disturbance.

Table 1. Existing Sites and Treatment Objectives

| Species Code | Common Name | # of Sites | Gross Acres | Net Acres | Site Type | Objective |
|--------------|------------------|------------|-------------|-----------|-----------|-------------|
| ARAB3 | absinthium | 9 | 41.2 | 2.7 | 1,3,5,6 | Control |
| CABU2 | shepherd's purse | 1 | 5.0 | 0.2 | 1,5,6 | Tolerate |
| CEBI2 | spotted knapweed | 10 | 105.4 | 8.4 | 1,3,5,6 | Control |
| CEDE5 | meadow knapweed | 2 | 24.6 | 0.5 | 1,5,6 | Eradication |
| CEDI3 | diffuse knapweed | 20 | 215.1 | 50.6 | 1,3,5,6 | Containment |
| CERE6 | russian knapweed | 1 | 9.7 | 1.0 | 1,6 | Eradication |

| | | | | | | |
|-------|----------------------|------------|---------------|--------------|---------|----------------------|
| CIAR4 | Canada thistle | 16 | 189.4 | 12.9 | 1,3,5,6 | Tolerate/Suppression |
| CIVU | bull thistle | 15 | 113.0 | 7.8 | 1,3,5,6 | Tolerate |
| CYSC4 | Scotch broom | 4 | 5.7 | 0.6 | 1 | Eradication |
| HIAU | orange hawkweed | 2 | 26.8 | 1.4 | 1,5,6 | Eradication |
| HYPE | common St. Johnswort | 10 | 111.9 | 14.1 | 1,3,5,6 | Containment |
| HYRA3 | hairy catsear | 1 | 11.5 | 0.2 | 1,5,6 | Eradication |
| LEVU | oxeye daisy | 14 | 176.9 | 18.2 | 1,3,5,6 | Control/Suppression |
| LIDA | Dalmatian toadflax | 1 | 5.2 | 0.1 | 1,6 | Control/Suppression |
| LIVU2 | butter and eggs | 1 | 6.4 | 0.1 | 1,3,5 | Eradication |
| POPO5 | Himalayan knotweed | 1 | 0.8 | 0.8 | 3 | Eradication |
| PORE5 | sulfur cinquefoil | 1 | 1.0 | 0.1 | 1 | Control |
| TAVU | common tansy | 7 | 87.8 | 3.8 | 1,5,6 | Control |
| | | 116 | 1137.4 | 123.4 | | |