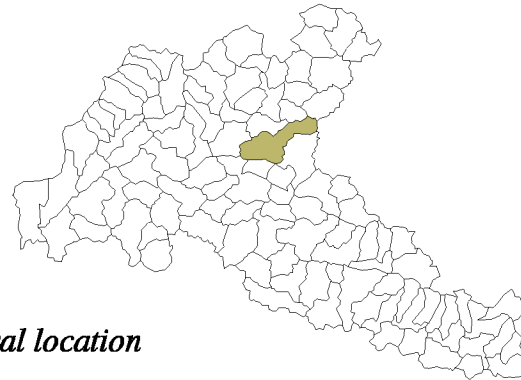


Nelson Creek Drainage



General location

General characteristics

7th field huc id = = 171 00206040401

Parent watershed = LAKE CREEK

Total acreage = 9570

Maximum elevation = 713 feet

Minimum elevation = 100 feet

Ecological Capital

17 percent of the catchment has potential to contribute lwd to the aquatic system

53 percent of the stream system has adequate shading

36 percent of the riparian area is in good condition

15 miles of stream have inherently good coho spawning and rearing habitat

28 acres of potential or existing wetlands are present within the catchment

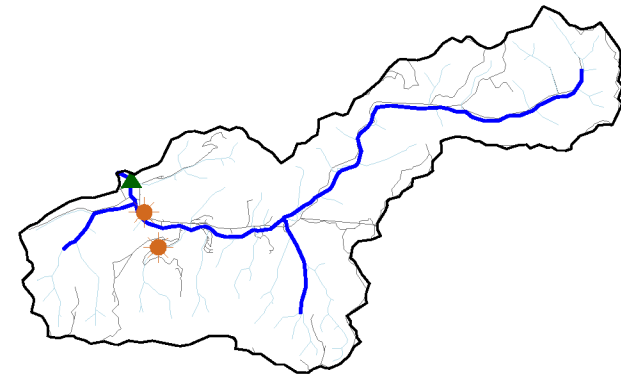
Potential Threats


There are 78 points where roads cross over fish bearing streams


Riparian road density = 0.64 miles per square mile

Mid-slope road density = 0.81 miles per square mile

3 percent of the catchment is considered to have a high potential of land slide occurrence



 *Anadromous fish bearing streams*

 *Potential problem culverts*

 *In-stream habitat and wetland restoration / revegetation projects*

Ownership Patterns

8 percent of the catchment is private non-industrial

11 percent of the catchment is private industrial

34 percent of the catchment is federally owned

46 percent of the catchment falls on other public lands

Notes

The catchment is dominated by low or moderate gradient unconfined streams, floodplain or estuarine channel habitat types. A total of 10.22 miles of stream are considered anadromous fish bearing and 8.01 miles of stream have digitized habitat surveys. A total of 7.69 miles of spawning surveys have been conducted since 1990 reflecting relatively high numbers of coho spawners.

No snorkel surveys have been conducted in this catchment.

There is most likely sufficient lwd production and input into the aquatic system. The location of lwd sources should be identified and efforts should be made to maintain production.

Stream temperatures may be high due to the high percent of streams exposed to direct sunlight. Streamside shading is most likely limiting water quality for fish habitat.

Because of high fish productivity and high amounts of ecological capital this catchment has high potential to be an anchor habitat and should be evaluated in greater detail