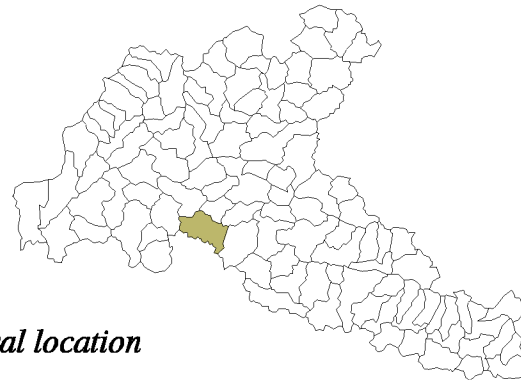


Upper Knowles Creek Drainage



General location

General characteristics

7th field huc id = 171 00206080203

Parent watershed = LOWER SIUSLAW RIVER

Total acreage = 6656

Maximum elevation = 564 feet

Minimum elevation = 70 feet

Ecological Capital

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

57 percent of the stream system has adequate shading

47 percent of the riparian area is in good condition

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

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

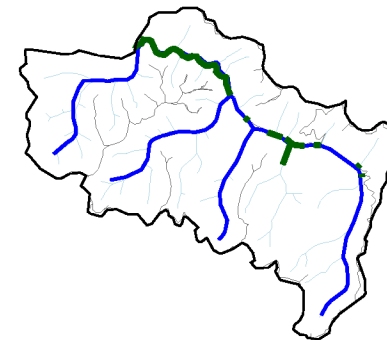
Potential Threats

There are 31 points where roads cross over fish bearing streams

Riparian road density = 0.53 miles per square mile

Mid-slope road density = 0.48 miles per square mile

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



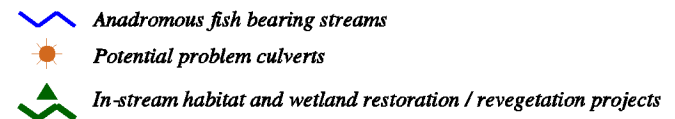
Ownership Patterns

less than 1 percent of the catchment is private non-industrial

55 percent of the catchment is private industrial

44 percent of the catchment is federally owned

less than 1 percent of the catchment falls on other public lands



Notes

The catchment is dominated by moderate or low gradient confined or moderately confined channel habitat types. A total of 11.60 miles of stream are considered anadromous fish bearing and no miles of stream have digitized habitat surveys. A total of 2.93 miles of spawning surveys have been conducted since 1990 reflecting relatively moderate numbers of coho spawners. A total of 7.04 miles of snorkel surveys have been conducted reflecting relatively high numbers of juvenile coho.

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