

Duncan Island Drainage



General location

General characteristics

7th field huc id = = 171 00206080402

Parent watershed = LOWER SIUSLAW RIVER

Total acreage = 7669

Maximum elevation = 343 feet

Minimum elevation = 0 feet

Ecological Capital

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

44 percent of the stream system has adequate shading

29 percent of the riparian area is in good condition

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

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

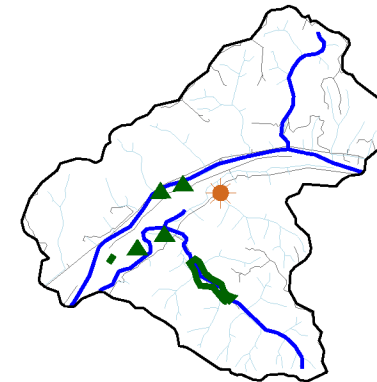
Potential Threats

There are 82 points where roads cross over fish bearing streams

Riparian road density = 0.54 miles per square mile

Mid-slope road density = 0.23 miles per square mile

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



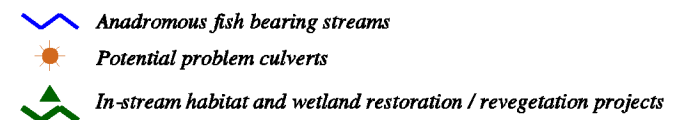
Ownership Patterns

14 percent of the catchment is private non-industrial

28 percent of the catchment is private industrial

47 percent of the catchment is federally owned

8 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 11.13 miles of stream are considered anadromous fish bearing and 1.70 miles of stream have digitized habitat surveys. A total of 8.30 miles of spawning surveys have been conducted since 1990 reflecting relatively low numbers of coho spawners.

A total of 1.61 miles of snorkel surveys have been conducted reflecting relatively low numbers of juvenile coho.

Due to lack of large diameter trees in the riparian area or directly contributing to the aquatic system, large woody debris in the stream system is most likely in short supply.

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.

This catchment has low potential for consideration for anchor habitat status